

The



# CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

JANUARY 26 1957



## young Savlon's doing fine!

Savlon, I.C.I.'s new antiseptic cream based on 'Cetavlon', is growing in popularity. Sales figures — independently compiled — show a steady increase at *every one* of the bi-monthly checks made during a six-month period. Are you ordering enough of this fast seller to keep up with the rising demand?

**Savlon** ANTISEPTIC CREAM  
RETAIL PRICE 2/- A TUBE  
SHOWCARDS AND LEAFLETS AVAILABLE ON REQUEST

Savlon advertisements will continue to appear frequently in a comprehensive range of National papers and magazines :—

DAILY EXPRESS • DAILY MAIL • DAILY MIRROR • DAILY SKETCH • NEWS CHRONICLE  
NEWS OF THE WORLD • SUNDAY PICTORIAL  
RADIO TIMES • WOMAN'S OWN • WOMAN'S WEEKLY • FAMILY DOCTOR • HOME & FAMILY  
MOTHER • MOTHER & BABY • MOTHER & CHILD • NURSERY WORLD • PARENTS —  
and a long list of Provincial papers.

IMPERIAL CHEMICAL INDUSTRIES LIMITED  
PHARMACEUTICALS DIVISION

WIMSLOW, CHESHIRE

Ph. 682/T



**ESTIMATE**

Tel. BAYswater 0292

**FOLEY PLASTICS MANUFACTURING  
COMPANY LTD**116 WESTBOURNE PARK ROAD,  
LONDON, W.2Your Ref: SatisfiedOur Ref: Prompt Delivery

Dear Sirs,

We thank you for your esteemed enquiry and  
have pleasure in submitting our estimate as follows:—

To Plastic Moulding small components for  
Pharmaceutical and Allied Trades

|                   |   |
|-------------------|---|
| Mould Costs ..... | Charges Low or Nil  |
| Moulding .....    | Charges competitive   |
| Materials .....   | P.V.C., Polythene, Cellulose<br>Acetate, Polystyrene, Nylon |
| Delivery.....     | Normally Samples in 28 days                                 |

Yours faithfully  
**Foley Plastics Manufacturing  
Company Ltd.**

Messrs.  
The Pharmaceuticals Industries  
Great Britain

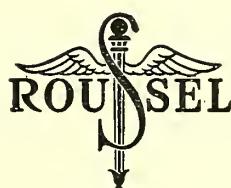
**PREDNISONE (DeCortisyl)**

**PREDNISOLONE (PreCortisyl)**

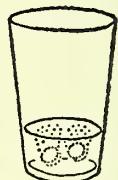
prescribable on Form E.C.10 from 1st February 1957

5 mg. tablets in bottles of 30 and 100.

(chemist price 37/6 and 120/-)



# THE Advantages



## “Disprin”<sup>REGD</sup>

*The advantages of Disprin as an analgesic are:—*

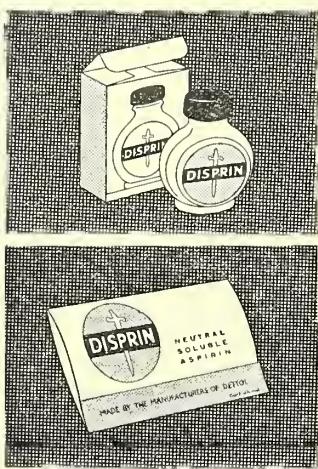
- 1 Disprin is soluble
- 2 Disprin is substantially neutral

Disprin is therefore quick-acting and far less likely than ordinary aspirin to upset the stomach.

Week after week these advantages are made known to millions of readers of the national daily and national Sunday papers,

*Woman, Woman's Own, Woman's Weekly, and Woman's Sunday Mirror.*

Week after week more people ask for “Disprin” for the relief of headache, colds, neuralgia, sciatica, rheumatism and kindred ailments.



### RETAIL PRICES (incl. P.T.)

50-tablet bottle 3/3

26-tablet bottle 1/11½

8-tablet foil 9d.

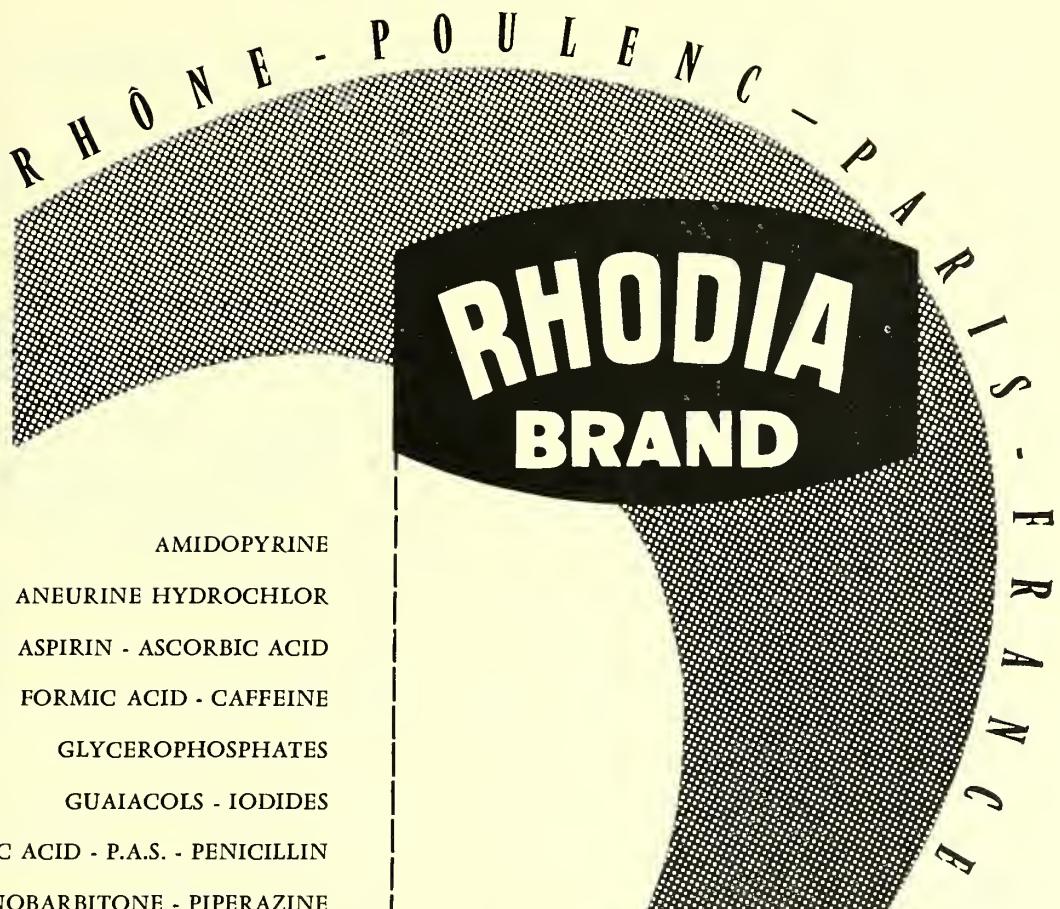
### TRADE PRICES (excl. P.T.)

50-tablet bottle 23/- doz.

26-tablet bottle 13/10 doz.

8-tablet foil 5/2 doz.

RECKITT & COLMAN LTD. HULL & LONDON (PHARMACEUTICAL DEPT., HULL)



AMIDOPYRINE  
ANEURINE HYDROCHLOR  
ASPIRIN - ASCORBIC ACID  
FORMIC ACID - CAFFEINE  
GLYCEROPHOSPHATES  
GUAIACOLS - IODIDES  
LACTIC ACID - P.A.S. - PENICILLIN  
PHENOBARBITONE - PIPERAZINE  
POTASSIUM PERMANGANATE  
POTASSIUM GUAIACOL SULPHONATE  
PHENAZONE - PROCAINE  
RESORCINE - SALICYLATES  
STREPTOMYCINE  
THEOBROMINE - THEOPHYLLIN  
UNDECYLENATES  
*and their salts and derivatives*

HYDROQUINONE-METOL  
VANILLIN-COUMARIN-ETHYL-VANILLIN

**SILICONES  
VINYL RESINS  
POLYESTER RESINS**

**R. W. GREEFF & Co., LTD.**

*Head Office:* GARRARD HOUSE, 31/45 CRESHAM ST. LONDON, E.C. 2  
MONARCH 1066 - WIRES : GREEFF, CENT, LONDON

*and at* THE ROYAL EXCHANGE

MANCHESTER

BLACKFRIARS 9407-8 - WIRES : GREEFF, MANCHESTER

*"Skylon"*

THE ORIGINAL  
POLYTHENE BOAT SHAPED  
BABIES FEEDING BOTTLE

This new boat-shaped babies' polythene feeding bottle has been specially developed to meet popular request. It is unbreakable, hygienic, tasteless, odourless and unaffected by foodstuffs. Openings at either end make for easy cleaning and its light weight makes it ideal for the small infant. All standard teats and valves will fit the necks.



PATA

Packed in individual cartons with full sterilizing instructions.



ACORN 5073/4

JACW

# FIBRENYLLE

LIMITED

157 DUKES ROAD · WESTERN AVENUE · LONDON · W.3

## SPECIAL ANNOUNCEMENT

DISTRIBUTION AND  
MANUFACTURING  
SERVICE

TREVENA LTD., No. 3 London Wall Buildings, offer their services for the distribution, manufacture and marketing of proprietary medicines, toilet preparations, cosmetics and allied products.

The Company is staffed with experienced personnel with an extensive knowledge of the marketing and distribution of such products including advertising and general promotion.

A first-class manufacturing organisation is also available to clients who require such services.

TREVENA LTD. are fully equipped to deal with all export matters including the appointment of reliable agencies in both the Commonwealth and European markets.

**TREVENA LTD.**

3 LONDON WALL BUILDINGS, LONDON, E.C.2  
Telephone: London Wall 6753/8

C 6091

## The NEW "SYNOFOAM Super"

HONEYCOMB  
ALL-PURPOSE

**SPONGE**

(FULLY SYNTHETIC)



- Always Soft - Hygienic
- Never hardens - can be boiled
- Never gets sticky - dries quickly
- Exceptionally absorbent and water retaining
- Hard wearing - resistant to oil, fats and petrol
- Ideal for Toilet use, Household and Industry

**STANDARD SIZE** (Approx. 5" x 3½" x 1½") Retail Price 2/II

**LARGE SIZE** (Approx. 5¾" x 3¾" x 1¾") Retail Price 3/II  
USUAL DISCOUNTS

Each Sponge in a 3-coloured cellophane sleeve - Each dozen in 4-coloured show carton - 12 dozens in Cardboard Box.

Obtainable from your usual wholesaler or contact:—

**FLETCHER & FARLOW LTD.**, Finsbury Court, Finsbury Pavement, London, E.C.2. Telephone: MONArch 6810

**"SYNOFOAM Super" Sells on Sight!**

## INDEX TO ADVERTISERS

|  |                       |   |          |
|--|-----------------------|---|----------|
| Acton Pill & Tablet Co., Ltd., The .....         | 54                    | Cox, Arthur H., & Co., Ltd. ....              | 8        |
| Allen & Hanburys, Ltd. ....                      | Cover iii, 21         | Cuticura Preparations .....                   | 40       |
| Allen, J., Rubber Co., Ltd. ....                 | 18, 19                | Cuxson, Gerrard & Co., Ltd. ....              | 51       |
| Bailey, Robert, & Son, Ltd. ....                 | 48                    | Daniel, Richard, & Son, Ltd. ....             | 13       |
| Barker, Robert, & Son, Ltd. ....                 | 52                    | "Disprin" .....                               | 2        |
| Barnett & Foster, Ltd. ....                      | 54                    | Distillers Co. (Biochemicals) Ltd., The ..... | 25       |
| Bayer Products, Ltd. ....                        | 37                    | Domestos, Ltd. ....                           | 39       |
| Belfast Telegraph .....                          | 38                    | Ellern Paper Co., Ltd. ....                   | 22, 23   |
| Bell, John, Hills & Lucas, Ltd. ....             | 27                    | Fassett & Johnson, Ltd. (Mistol) ....         | 29       |
| Berdoe & Fish .....                              | Classified Section    | Fibrelyle, Ltd. ....                          | 4        |
| Boots Pure Drug Co., Ltd. ....                   | 30                    | Fletcher & Farlow, Ltd. ....                  | 4        |
| Bowater-Scott Corporation, Ltd. ....             | 14, 15                | Foley Plastics Manufacturing Co., Ltd. ....   | Cover ii |
| British Drug Houses, Ltd., The .....             | 5                     | Furman, B. N., (Products), Ltd. ....          | 50       |
| British Felsol Co., Ltd. ....                    | Cover iv              | Glaxo Laboratories, Ltd. ....                 | 6        |
| Brome & Schimmer .....                           | 52                    | Golden, Ltd. ....                             | 49       |
| Buckley Bowker Tablet Co., Ltd. ....             | 38                    | Graesser Salicylates, Ltd. ....               | 38       |
| Burroughs Wellcome & Co. ....                    | Interleaved Edit., 99 | Greeff, R. W., & Co., Ltd. ....               | 3        |
| Chemapol .....                                   | 54                    | Harris, D., & Co., Ltd. ....                  | 24       |
| Chemist and Druggist Identification Charts ..... | 42                    | Heinz, H. J., Co., Ltd. ....                  | 33       |
| Chemist & Druggist Veterinary Handbook .....     | 53                    | <i>(continued overleaf)</i>                   |          |
| Coates & Cooper, Ltd. ....                       | 50                    |   |          |
| Compressed Paper Packing, Ltd. ....              | 52                    |   |          |
| Cow & Gate, Ltd. ....                            | 55                    |   |          |

**This winter they want**

**'RADIO-MALT'**

- contains vitamins A B<sub>1</sub> B<sub>2</sub> D
- toffee-flavoured—children love it
- sold through chemists only 

**PACKINGS AND PRICES**

|           | TRADE | RETAIL |
|-----------|-------|--------|
| 1 lb. jar | 2/5½d | 3/6    |
| 2 lb. jar | 4/4   | 6/3    |

*Take advantage of our quantity terms—  
to be published in B.D.H. Information*

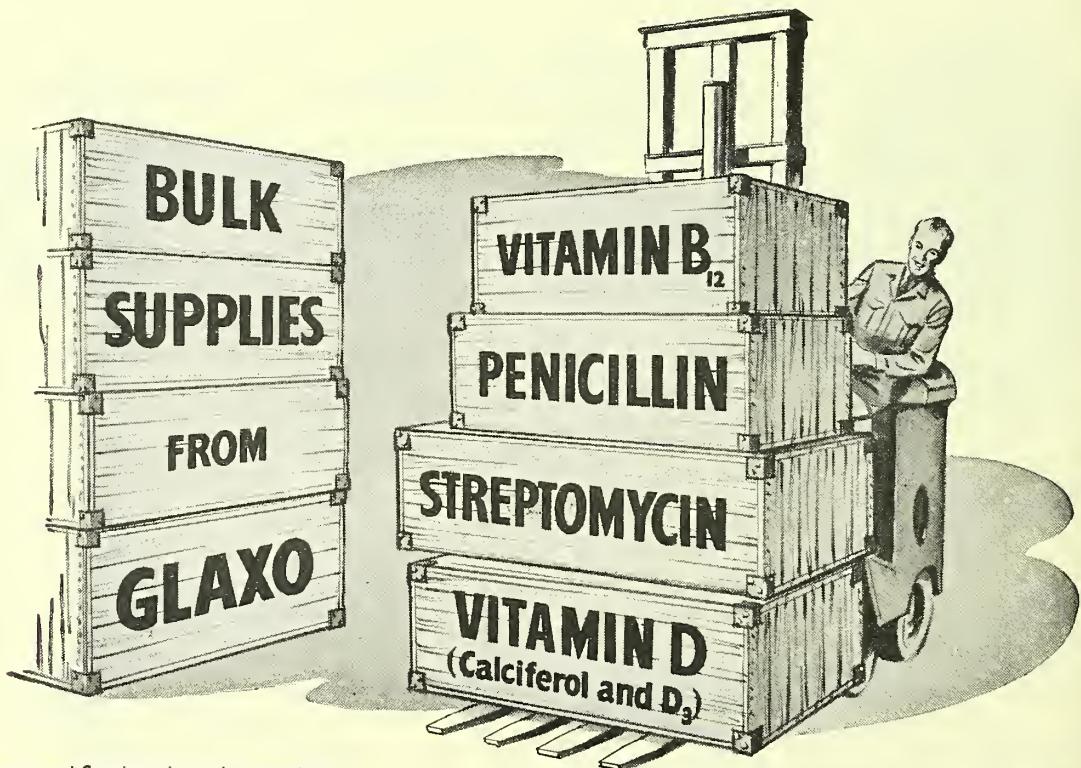
**'RADIO-MALT'**  
TRADE MARK  
**for radiant health**



THE BRITISH DRUG HOUSES LTD. LONDON N.1

**INDEX (cont.)**

|   |                            |    |
|---|----------------------------|----|
| Holborn Supplies, Ltd.  | Classified Section         | 44 |
| Hooper, B., & Co., Ltd.   | 50                         |    |
| Imperial Chemical Industries, Ltd.<br>(Pharmaceutical Division) | Front Cover                |    |
| Jarrett, Rainsford & Laughton, Ltd.                             | 45                         |    |
| Jeyes' Sanitary Compounds Co., Ltd.                             | 46                         |    |
| Jobling, James A., & Co., Ltd.                                  | 44                         |    |
| Kellys, John (London), Ltd.                                     | 48                         |    |
| Kerfoot, Thos., & Co., Ltd.                                     | 7                          |    |
| Lederle Laboratories Division                                   | Interleaved Edit., 36      |    |
| May & Baker, Ltd.   | 10, 11                     |    |
| Medico-Biological Laboratories, Ltd.                            | 13                         |    |
| Menley & James, Ltd.  | 32                         |    |
| Metal Box Co., Ltd., The  | 9, 12                      |    |
| Mining & Chemical Products, Ltd.                                | 47                         |    |
| Morrell, John, Co., Ltd.  | 17                         |    |
| National Glass Works (York), Ltd.                               | .....                      |    |
|   | Interleaved Edit., 100, 43 |    |
| "Nervone"   | Classified Section         |    |
| News Chronicle, The   | 28                         |    |
| Oatine Co., The   | 27                         |    |
| Oliver's, Wm., (Rubber), Ltd.                                   | 51                         |    |
| Parke, Davis & Co., Ltd.  | Interleaved Edit., 35      |    |
| Peboc, Ltd.   | 46                         |    |
| Perihel, Ltd.   | 31                         |    |
| Plastic Box Co., Ltd., The                                      | 48                         |    |
| Powley, R., & Sons, Ltd.  | 24                         |    |
| Radiol Chemicals, Ltd.  | 20                         |    |
| Rapidol, Ltd.   | 40                         |    |
| Rexall Drug Co., Ltd.   | 56                         |    |
| Roussel Laboratories  | 1                          |    |
| Schutze, F., & Co., Ltd.  | 52                         |    |
| Simpson's Manufacturing Pty., Ltd.                              | 44                         |    |
| Societa per Azioni Industrie Agricole Meridionali               | 38                         |    |
| Stafford-Miller, Ltd.   | 46                         |    |
| Stewart, Goodall & Dunlop, Ltd.                                 | 47                         |    |
| Sunday Pictorial, The   | 41                         |    |
| Suttley & Silverlock  | 42                         |    |
| Townsend, James, & Son, Ltd.                                    | 38                         |    |
| Trevena, Ltd.   | 4                          |    |
| Upjohn of England, Ltd.   | 26                         |    |
| Vines Biocrin, Ltd.   | 40                         |    |
| Vistascreen, Ltd.   | 31                         |    |



Please send for details and quotations to

BULK SALES DEPT., GLAXO LABORATORIES LTD., GREENFORD, MIDDLESEX BYRON 3434





# THOMAS KERFOOT and Company Limited

## PACKAGING EXHIBITION

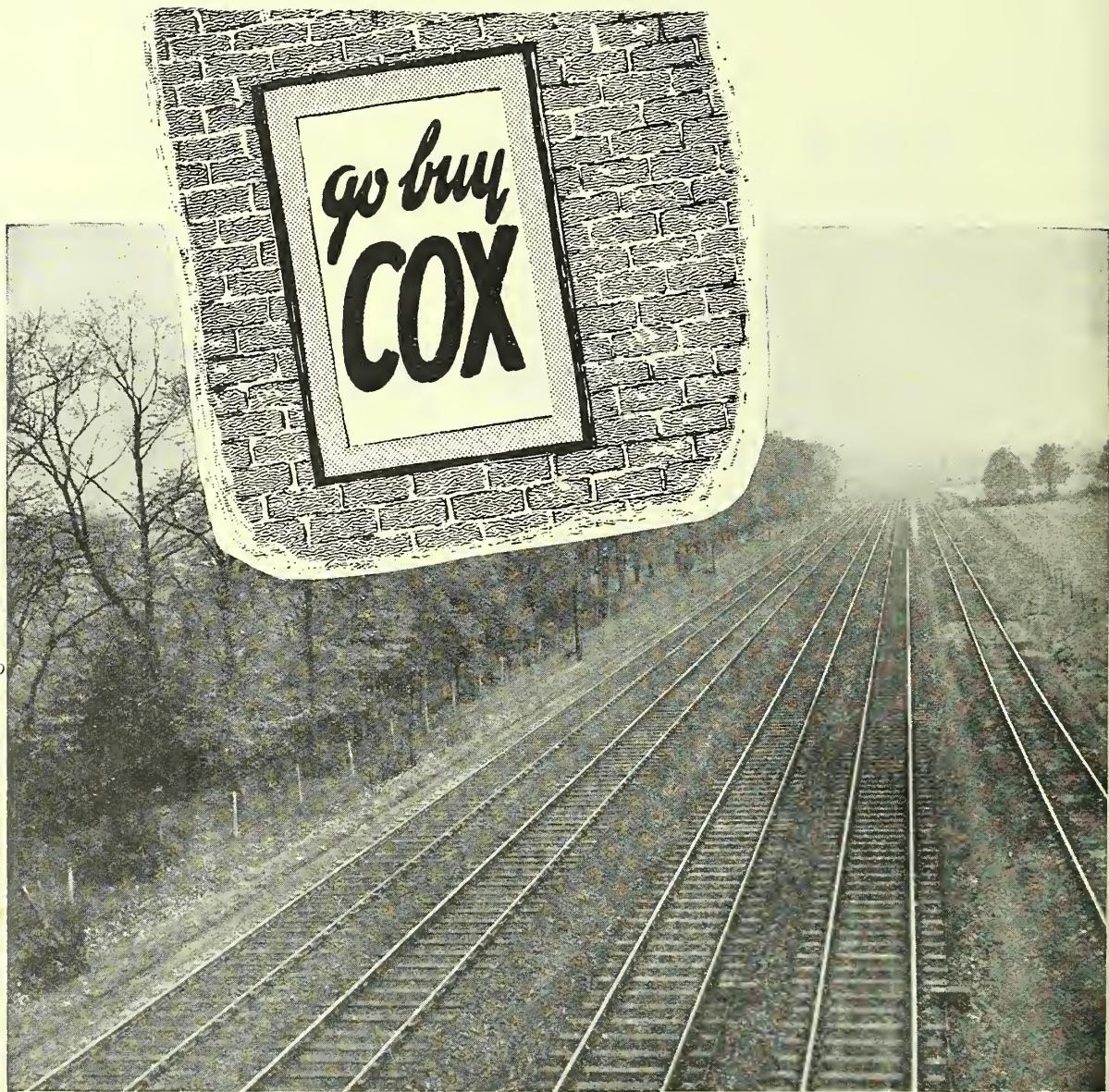
have pleasure in inviting their many friends  
in Pharmacy to a

### DEMONSTRATION OF TABLET "STRIP PACKING"

at OLYMPIA, daily during the period  
Tuesday, 22nd January to Friday, 1st February  
Stand 1, Row O, Ground Floor, Empire Hall.

*Informed staff will be present.*

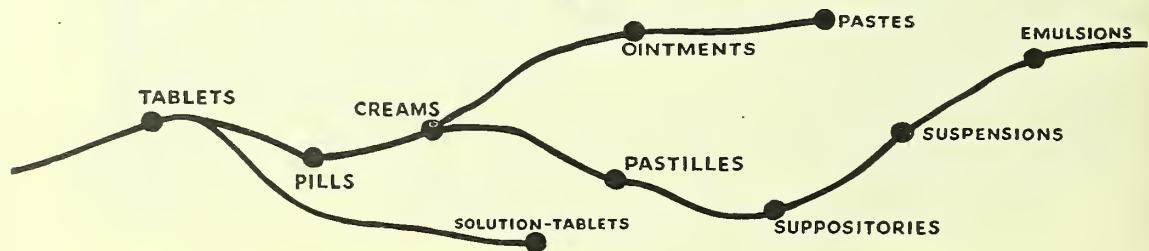
*Overseas visitors  
are specially welcomed.*



Photograph

by courtesy of British Railways

## Make it your permanent way



ARTHUR H. COX & CO. LTD., BRIGHTON, ENGLAND.

One of the world's foremost tablet makers



*This is the tube*

TO SELL MORE TABLETS!

*Your product is carried, if packed in*

## POLYSTYRENE TUBES

by Metal Box

*Some people have to take pills regularly.*

*You will help them, and your sales,  
if you pack your products in containers  
that will not be left on the bathroom shelf!*

*Metal Box Polystyrene tubes,  
streamlined and attractive—*

**are SPECIALLY DESIGNED TO BE CARRIED  
IN THE POCKET OR HANDBAG**



**POLYSTYRENE** tubes are tough and light, and each is effectively sealed by a one-piece polythene stopper, easy to remove and easy to replace. For additional sales-appeal a wide range of colours, transparent and opaque, is available for both tubes and stoppers. Please ask today for samples and further details.

### CUT THE COSTS OF COTTON WOOL!

The Pillar Pack stopper with the flexible prongs holds tablets gently in place, keeping them undamaged. No cotton wool is needed, nor labour to insert it. The tube looks neat, clean and efficient. Pillar Pack stoppers can be supplied with the  $\frac{11}{16}'' \times 2\frac{1}{2}''$  tube.



MB30/3



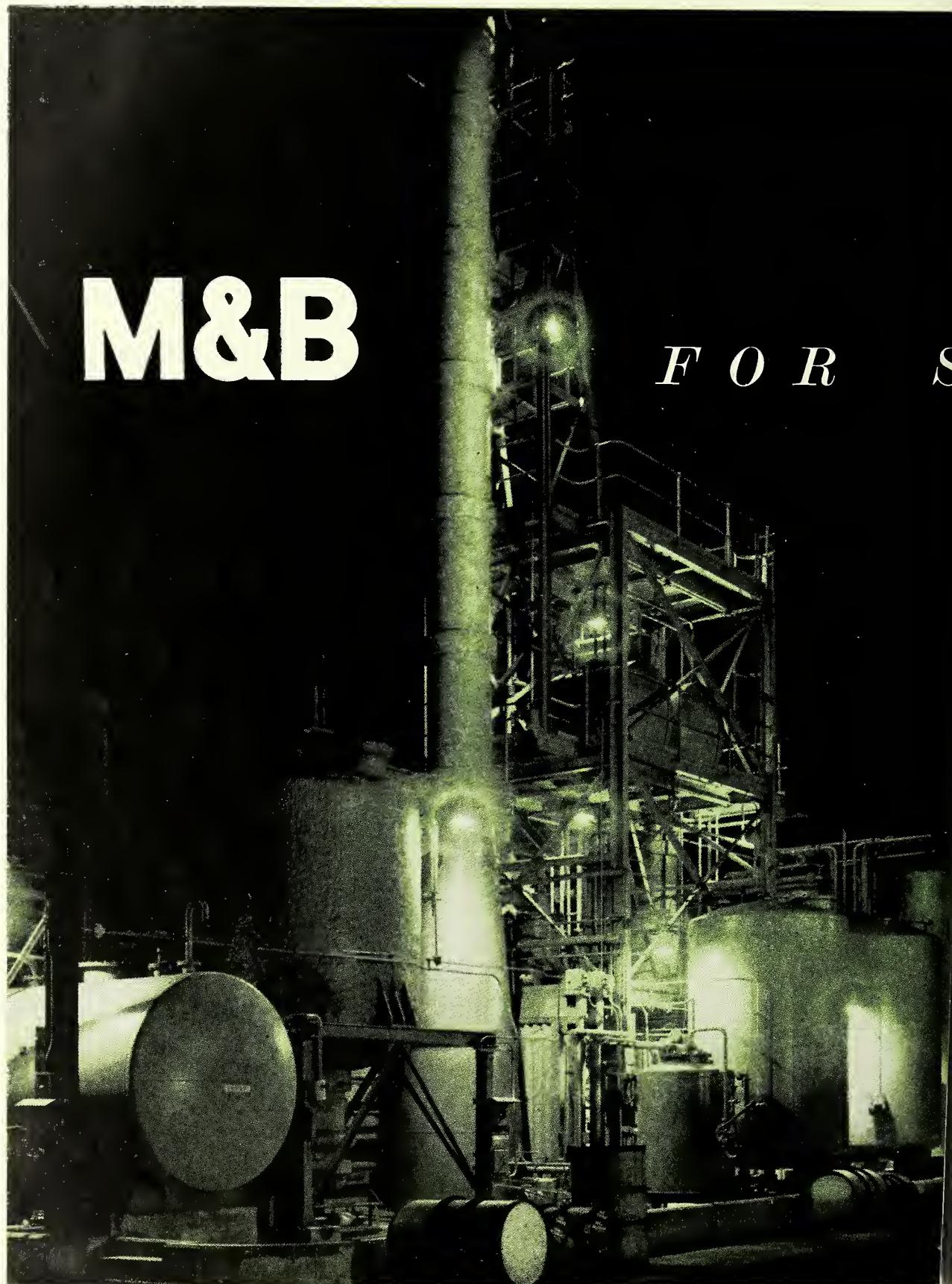
**THE METAL BOX COMPANY LIMITED**

Metal Containers · Paper Products · Flexible Packaging · Plastic Films and Laminations

The Langham · Portland Place · London · W1

# M&B

F O R S



# P H O N A M I D E S

Since before the war, when the first successes of our research into the therapeutic properties of sulphanilamide derivatives became known, the house mark **M&B** has come to be closely linked with this field of investigation and manufacture. Research has continued. Expansion has gone on. Today we *remain* the house for sulphonamides, with plant producing a wide and important range of these drugs to meet every demand.

YOUR ENQUIRY IS INVITED



## PHARMACEUTICAL CHEMICALS

MANUFACTURED BY

MAY & BAKER LTD • DAGENHAM • ENGLAND • TELEPHONE: ILFORD 3060

ASSOCIATED HOUSES IN • BOMBAY • LAGOS • MONTREAL • PORT ELIZABETH • SYDNEY • WELLINGTON

BRANCHES AND AGENTS THROUGHOUT THE WORLD

# If no single packaging material will do...

**consider a LAMINATION by Metal Box**



a **LAMINATION** is made by bonding together with adhesive two or more layers of different materials. The moisture-proofness of one may be joined with the strength of another and the appearance of a third. Variations can be made in relative thickness, and the possibilities are both numerous and exciting.

The knowledge of laminations possessed by Metal Box makes it worth your while to consult them first whenever you are considering whether a lamination may be the kind of packaging material best suited to your product. Write or phone today to



THE METAL BOX COMPANY LIMITED  
Plastics Group  
THE LANGHAM • PORTLAND PLACE • LONDON W.1

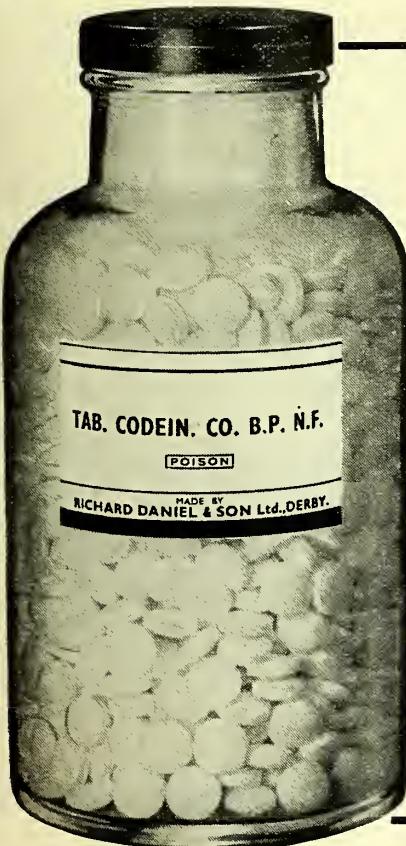
EVAN WILLIAMS  
use  
**DUOLAM B**

for their successful colour rinse pack

DUOLAM B is a combination of paper and Pliofilm—moisture-proof, greaseproof, liquid-proof, tough, heat sealable, capable of being printed in multicolour for high standard presentation.

A LAMINATION may enable you to :

- \* SAVE space
- \* SAVE weight
- \* SAVE breakages
- \* SAVE waste
- \* Open new markets
- \* Try new sampling sche
- \* Achieve new low-cost packagin



# TABLETS of QUALITY

*Manufactured by  
modern machinery  
under skilled supervision*

*Quotations for large or small quantities.*

**RICHARD DANIEL & SON LTD**  
MANUFACTURING CHEMISTS

MANSFIELD ROAD **DERBY** TEL. 40671 (8 lines)  
AND AT GROSVENOR STREET, ASHTON-U-LYNE. TEL. 2816 (3 lines)

## ST. JAMES' BALM

*The ONE Ointment  
for the  
MANY Skin Troubles*

ST. JAMES' BALM is the proven remedy for common skin troubles—and for some quite uncommon ones too! Because it contains the broth filtrates of the microbes causing most skin infections, treatment is successful in an exceptional number of cases. ST. JAMES' BALM is therefore the ideal general-purpose ointment for family use. On merit alone, ST. JAMES' BALM is in steadily increasing demand. You may stock and recommend it with absolute confidence.



**MEDICO-BIOLOGICAL LABORATORIES LTD.**

CARGREEN ROAD, SOUTH NORWOOD, LONDON, S.E.25

Bowater-Scott Corporation Limited

# Here it is—the start of the biggest-ever national advertising campaign for

|   |                               |
|---|-------------------------------|
| Costs no more than many shiny paper brands! | SINGLE PACK 1/3<br>(24 ROLLS) |
|   | DOUBLE PACK ONLY 2/4          |

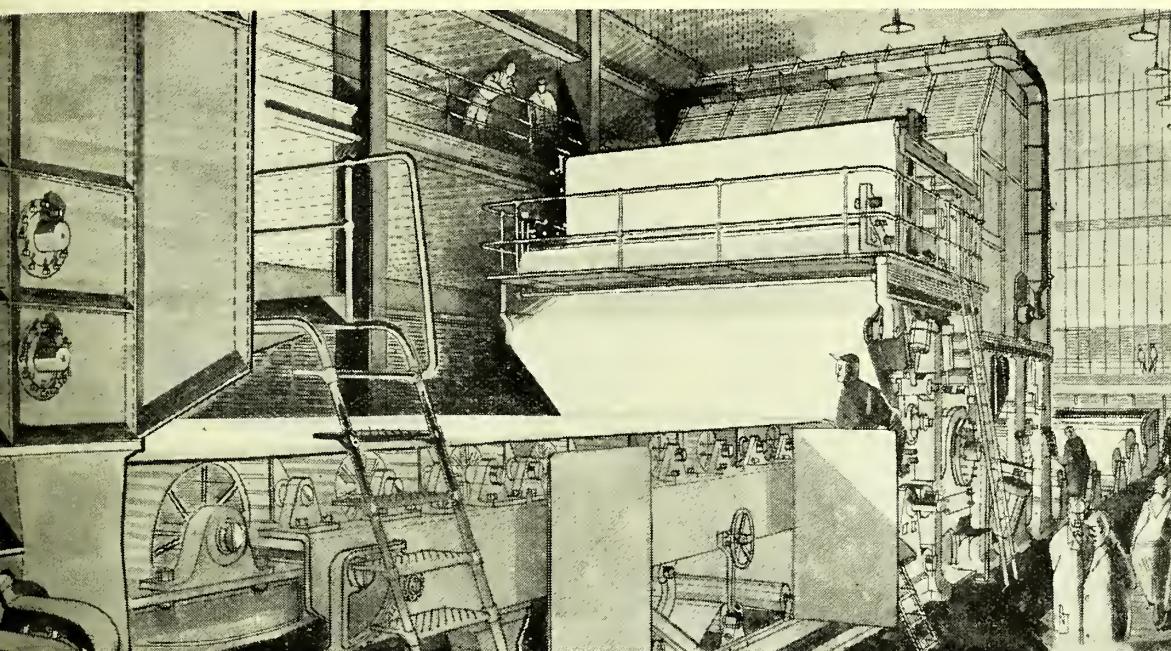
# AndreX

*Advertising expenditure this year to total more than all other toilet tissue advertising put together in 1956.*

This new Andrex\* advertising campaign—the first shot is reproduced here—will reach no less than three out of every four housewives! Total expenditure in 1957 will be greater than for all other toilet tissue advertising put together in the year ended September 1956.

Starting now and continuing throughout the year, large-space advertisements for Andrex will appear in the 'Daily Express,' 'Daily Mail' and 'Daily Telegraph'; in 'Woman' and 'Woman Own'; in the 8 million circulation 'Reader's Times.'

This major drive is being intensified by a supporting campaign appearing regularly in 'Family Doctor,' 'Nurse World,' 'Parents' and 'Mother.'



Bowater-Scott's new tissue mills at Northfleet, Kent, will be the most modern in the world. Its machines, which will work continuously day and night, are designed to ensure the utmost hygiene during manufacture.

**BULLETIN No. 2**

## FIRST OF NEW HIGH-OUTPUT MACHINES WILL DOUBLE ANDREX PRODUCTION IN 1957

AS YOU KNOW, Andrex toilet tissue gained customers so quickly in 1956 that supplies had to be limited.

But work on the great new Bowater-Scott tissue mills at Northfleet, Kent, is progressing so fast that the first of its high-output machines is planned to boost Andrex production to double its 1956 level by the middle of 1957.

Such rapid expansion is Phase 1 of a production programme made possible by the vast resources of Bowater-Scott Corporation Limited—a partnership

The Bowater Paper Corporation Limited, the largest paper manufacturers in the United Kingdom,

and Scott Paper Company of the U.S.A., the leading American producers of household paper products.

This programme is already meeting with great success. In the rising and highly competitive toilet tissue market, it is Andrex sales which are growing most quickly of all—indeed, a recent check showed that in shops and stores that are regular stockists, Andrex is far and away the fastest and biggest selling 2-ply tissue.

Bowater-Scott Corporation look forward, in collaboration with you, to a new year of progress in the great and rapidly growing market for household paper products.

# BOWATER-SCOTT CORPORATION LIMITED

# Powerful NATIONAL Advertising means more sales for

**FROM NOW** until the end  
of **MARCH** you will see our  
Advertisements in  
**NATIONAL NEWSPAPERS**  
and **MAGAZINES**



*Bring SUNSHINE into your home*

**DOCTORS PRESCRIBE**  
vitaminising ultra-violet and deeply penetrating infra-red rays.

**FOR THE OLD**  
to relieve pains, particularly Rheumatic, Sciatic and similar conditions.

**FOR THE YOUNG**  
to help their bones to grow through the anti-ricket Vitamin D.

BRITISH MADE.  
GUARANTEED  
FOR 12 MONTHS.

**ACTINEA**  
the Portable Sun

**£12. 12. 0**  
(Easy Terms Available)

From Chemists, Hairdressers  
and Electrical Dealers  
(on prescription)

**DEALER'S NAME**  
and full address here  
Telephone Number

WE are pleased to advise you that as a result of the increase in the sales of our Actinea Ultra Violet/Infra Red Sun Lamps, we have been able to reorganise our production in such a way as to enable us to produce these appliances very much more economically than in the past.

The retail price is  
**£12. 12. 0.**

We are convinced that as a result of this lower price our trade customers will be able to double their sales in the coming season, and in order to support them in this endeavour we have made adequate provisions for large scale national advertising, and local dealer advertising on a 50/50 basis.

TO HELP YOU TO SELL **ACTINEA**  
the Portable Sun

ultra-violet and infra-red ray  
**PORTABLE UNITS**  
(packed singly in cartons needing  
very little storage space)

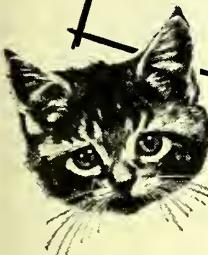
**£12. 12. 0**  
retail. On prescription only.

Full Trade Discounts  
Exempt from purchase tax

**PERIHEL LIMITED**  
WEST MALL WORKS, 27/29 RABBIT ROW, LONDON, W.8  
Park 6886/7870/7296

# This little dog went to market

—and 4,000,000 others of every breed and size provide a tremendous opportunity for stockists of Red Heart. The Pet Food Market is increasing by leaps and bounds and the turnover in dog and cat foods now totals several million pounds a year. Be sure to get your full share—stock RED HEART which is backed by a record Advertising Campaign.



There are six million cats too!

So stock up with Red Heart CAT Food as well.

# RED HEART

The RIGHT feed for EVERY breed!

#### FREE! DISPLAY MATERIAL

A window display of Red Heart will bring you extra business. Pin this coupon to your bill head and post it to us for free display material.

Name \_\_\_\_\_

Address \_\_\_\_\_

Please send me display cards for item(s) marked with a tick.

|          |          |
|----------|----------|
| DOG FOOD | CAT FOOD |
|----------|----------|





**Watch for  
big TELEVISION debut  
of  
marigold  
HOUSE GLOVES**

Marigold is a name that's going to make a tremendous impact all over the country. Because from mid-February to the end of April, Marigold House Gloves will have this big TV coverage:—

- a one-minute spot on John Slater's popular weekend programme.
- a fortnightly one-minute spot on Daphne Padell's top-rating (viewing figures are rising towards the 2,000,000 mark) Sunday afternoon programme—"Family Magazine".

***And that really adds up to something!***

**Plus this popular press coverage**

Yes, Marigold House Gloves are going to be put right in the public eye. But not only through this intensive TV campaign. For double strength, Marigold advertisements are scheduled to run in all the London evening papers. Total readership figures for women: over 4,800,000.

**Plus 3 weeks on show at the Ideal Home Exhibition**

As an additional fillip, Marigold House Gloves will be prominently on show (stand 207) at the Ideal Home Exhibition—from March 5th-30th.

**There's money in Marigold**

This concentrated publicity will break on February 15th. You'll need Marigold House Gloves in stock then. For don't forget, the name that's known is the name that's asked for. So stock up now.

**Extra profits at the new 4/6d. price**

As from now, Marigold House Gloves will sell to the public at 4/6d. a pair—that's a penny increase on the old price and gives you 1/5½d. clear profit on each pair.

**MARIGOLD HOUSE GLOVES**

J. ALLEN RUBBER COMPANY LIMITED, WHITECROFT, GLOUCESTERSHIRE, ENGLAND.

# Important spaces reserved for these advertisements

*Look for them  
in the  
**EVENING STANDARD**  
the **EVENING NEWS**  
the **STAR***



**Cool!**  
**Comfortable!**  
**Flexible!**

**Marigold house gloves give you lady-of-leisure hands**

Every modern housewife longs to protect her hands—comfortably. Now, at last, you can. With Marigold House Gloves your hands have complete protection without the discomfort and clumsiness of old-fashioned gloves. And there's never a worry about work-worn hands if you wear Marigold House Gloves. Even the heaviest housework, even harsh detergents leave your hands untouched—cool, smooth, immaculate.

**Look at Marigold's advantages:**

- Deep soft suede-like lining reduces unpleasant sweating
- Natural, moulded fingers ensure comfort and flexibility
- Special ribbed surface increases gripping power
- Pure natural latex gives strength and long wear

**BUY YOURSELF A PAIR AND KEEP YOUR HANDS BEAUTIFUL, COMFORTABLY**

# marigold

—the modern rubber gloves

PRICE 4/6

Watch for Marigold on Sunday T.V. programmes, and on show at the Ideal Home Exhibition (Stand 77).

J. ALLEN RUBBER COMPANY LIMITED, WHITECROFT, GLOUCESTERSHIRE, ENGLAND

J. ALLEN RUBBER COMPANY LIMITED, WHITECROFT, GLOUCESTERSHIRE, ENGLAND

# SPECIAL DISPLAY BONUS

can give you  
**5% EXTRA**  
**ON £3 RADIAN**  
**ORDERS!**

An extra 5% profit is yours in return for a fortnight's window display. This bonus is given on all direct orders of £3 and upwards (excluding P.T.) comprising any combination of Radian products, which include:

**RADIAN-B Aspirin Spirit Liniment**  
**RADIAN-a Spirit Dressing**  
**RADIAN MASSAGE CREAM**  
**RADIAN SOOTHING CREAM**  
**RADIAN-B BATH SALTS**  
**RADIAN OVALS**

Radian products are backed by regular advertising in national and provincial press, sporting journals and women's magazines.

**Restrictive Trade Practices Act Part II 1956.**

Radian Products are supplied on condition that the re-sale price is maintained at that which appears on each item.

Send your order to :

**Radioil**  
**CHEMICALS LIMITED**

-8 UPPER RICHMOND ROAD, LONDON, S.W.15. (VANDYKE 1642 & 2692)





*"No—there's a big difference, Mr. Baxter . . .*

. . as you will remember, in protamine zinc insulin, the action of the insulin is modified by the presence of a foreign protein, protamine. In contrast, I.Z.S. contains no protein or peptide material other than the insulin itself. That is its great advantage over other insulins. You see, gentlemen, the action of I.Z.S. persists for the required period by appropriate adjustment of the particle size of the insulin zinc compound. It is because the effect of I.Z.S. is entirely independent of any modifying protein, that allergic reactions following its use are virtually unknown. Any other questions?"

- I.Z.S. A.B. Vials of 10 c.c.  
40 or 80 units per c.c.
- I.Z.S. (Amorphous) A.B. Vials of 10 c.c.  
40 or 80 units per c.c.
- I.Z.S. (Crystalline) A.B. Vials of 10 c.c.  
40 or 80 units per c.c.

**Tinsulin  
Zinc  
Suspension A.B.**



*Joint Licensees and Manufacturers:*

**ALLEN & HANBURYS LTD**  
LONDON E2

**• THE BRITISH DRUG HOUSES LTD**  
LONDON N1

# BIGGEST 2 PLY ROL

with the

**BIGGEST-EVER** profit margin

(Until March 31st)

**4 $\frac{1}{2}$**  on ever

ACTUALLY 4 $\frac{5}{12}$  d.

Trade: 10/7d per dozen

Retail: 1/3d each

(Minimum case 2 doz.)

**HURRY! HURRY!**

THERE'S A FREE DISPLAY STAND TOO!  
It's simple, stylish, packed with sales  
appeal—and it comes free with your  
first order. Put it out in front—  
that's where it deserves to be, for  
OZO is way ahead in value!

AND REMEMBER

Petrol Soft

**PEACH, BLUE & GREEN!**

Trade: 11/1d per doz. Retail: 1/3 each

(Minimum case 3 doz.—12 each peach, blue, green)

**BACKED**

# NEW WHITE



roll

ORDER THROUGH YOUR USUAL SUPPLIER

National ADVERTISING THROUGHOUT THE YEAR

# The Power of Fashion

## samco

**FASHION  
SUNGGLASSES**

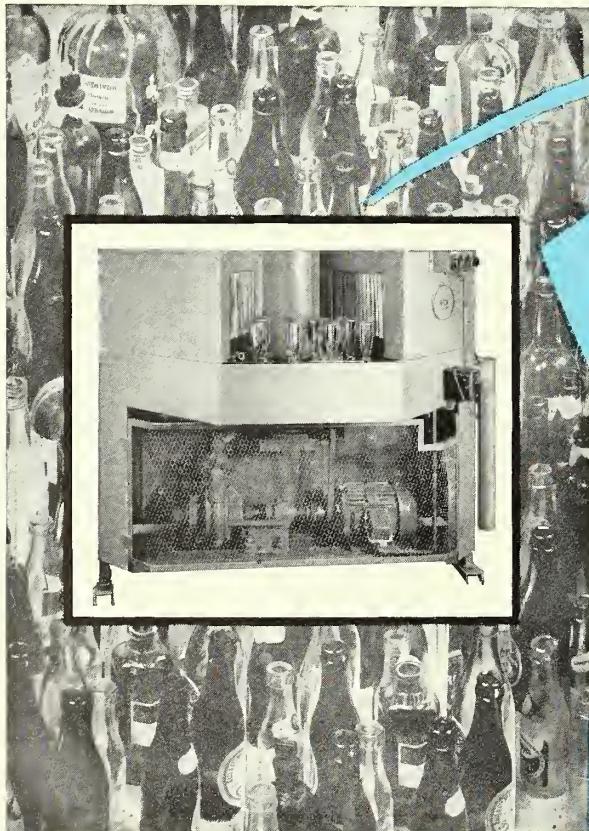
Using the theme 'Fashion in Focus' Samco are pre-selling their unique range of fashion sunglasses by large-scale National Advertising.

Editorials are being arranged to feature Samco in the leading women's magazines as an essential summer fashion accessory.

Ask your wholesaler to show you this unique medium priced range together with the Italian designed space saving counter display unit.



Sole Distributors: D. HARRIS & CO. LTD., 73 BREWER STREET, LONDON, W.I. Tel. GER 7166



Here's the  
place for an  
**"APEX"**

...CLEANING 1,200 BOTTLES AN HOUR IN  
ONLY 30 SQ. FT., OF FLOOR SPACE

...THE **Apex** ROTARY HYDRO BOTTLE  
WASHING MACHINE

is the only machine with these outstanding features:-

Delivered completely assembled. No special foundations required. Complete accessibility. One operator. Choice of two speeds. Efficient filtration. Mechanical simplicity. Fool-proof operation. Adaptable for all types of containers. Can be supplied for steam or circulating boiler heating or alternatively complete with in-built gas-fired heat injectors.

SERVICE. After sales service and spares readily obtainable at competitive prices.

**R. POWLEY & SONS, LTD. Dept. 6/C**  
**St. Mark's Rd., Sunderland, England.**  
Telegrams and Cables: "Powley" Sunderland Telephone: 4846/7

*RX*

# DQV

*The easily written, easily remembered contraction for*

**Acid-Stable ORAL Penicillin**

**'Distaquaine' V**

trade mark

*Crystalline penicillin V, free acid*

**DQV TABLETS**

Each tablet contains  
60 mg. penicillin V  
Bottles of 30, 200 and  
1000

**DQV ELIXIR**

Each dose ( $\frac{1}{2}$  fl. dr.) con-  
tains 30 mg. penicillin V  
Bottles of 2 fl. oz.  
(30 doses)

**DQV SULPHA**

Each tablet contains  
60 mg. penicillin V  
0.30 gm. sulphadimidine  
0.14 gm. sulphamerazine  
Bottles of 30, 200 and  
1000

**DOSAGE**

*Adults:* 60 mg. or more every four hours  
*Children:* Half the adult dose

*Manufactured by*

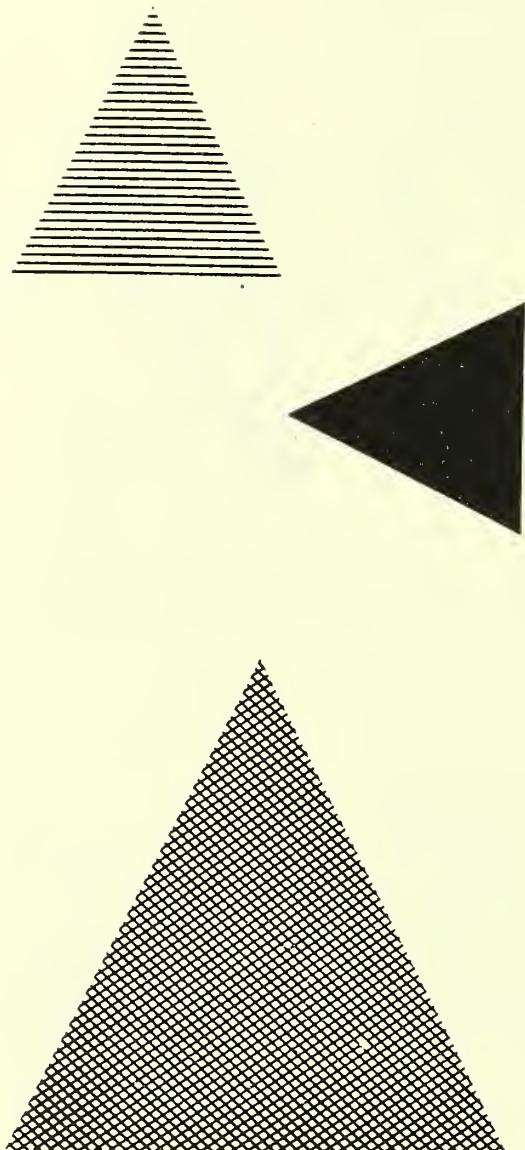
**THE DISTILLERS COMPANY (Biochemicals) LIMITED**

SPEKE, LIVERPOOL 19 Tel: HUNTS CROSS 1271

*owners of the trade mark 'Distaquaine'*

PPH 30/56

E



## a name in the news . . .

It is notable news indeed that Delta-Cortef will be released to General Practitioners from February 1st 1957. Previously available to hospitals only, Delta-Cortef shows an antirheumatic activity some 3 to 5 times greater than hydrocortisone—combined with a remarkably low incidence of unwanted side-effects.

The new drug will sometimes secure a fully satisfactory response in rheumatoid arthritis where cortisone or hydrocortisone have failed. For these and many other reasons you can anticipate a fast-growing volume of prescriptions for Delta-Cortef.

**Place your order with your wholesaler  
NOW to ensure delivery on February 1st**

# Delta-Cortef\*

*Brand of Prednisolone (Delta- $\alpha$ -Hydrocortisone)*

the improved hydrocortisone

Tablets (5 mg.) : in bottles of 30 and 100

**Upjohn**

\* Trademark

Upjohn of England Ltd.  
4 Aldford Street · London W1

# more than $2\frac{1}{2}$ MILLION will hear the SURAMA STORY

**Broadcasts from Luxembourg begin on - 9th February**

For over forty years Surama Medicated Cigarettes have been in steady demand by sufferers from colds, coughs and asthma. This has depended solely on point-of-sale advertising and the personal recommendation of satisfied users. Now the demand is going to jump to an unpre-

cedented level: for the 'Surama' story will be spread throughout the country in a series of broadcasts from Radio Luxembourg. Over two and a half million listeners will hear the Surama broadcasts—and will be urged to get their 'Suramas' direct from their chemists.

### BONUS OFFER

Write now for details of our Window Display Bonus parcels showing a PROFIT OF OVER 40% on sales, or stock up from your usual Wholesale House.

## SURAMA MEDICATED CIGARETTES

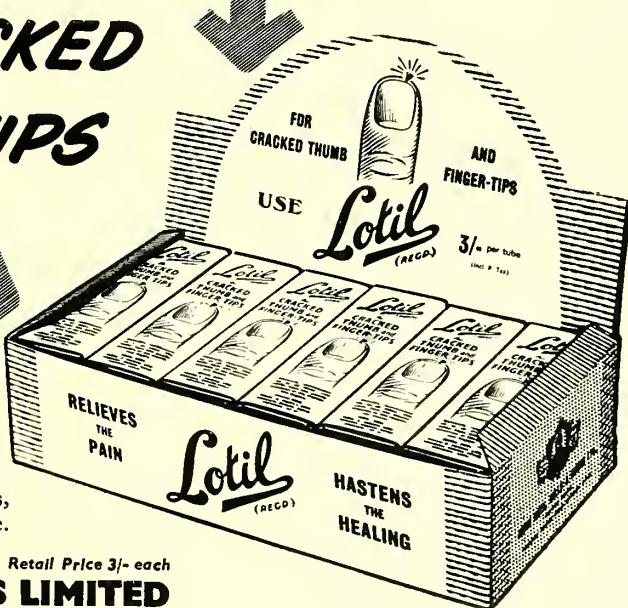
***bring rapid relief to sufferers from coughs, colds, asthma.***

THE OATINE COMPANY · 44 KENNINGTON LANE, LONDON · S.E.11.

*Now... a treatment*

for CRACKED FINGERTIPS

Many customers must come to your pharmacy in winter troubled with cracked fingertips. For the first time, you can offer them a cream specifically created to relieve this painful and annoying complaint. Display the Lotil carton on your counter and just count the number of new customers you make—count them in shillings, for that's just about your profit on every tube.



Trade Price 19/5 per dozen · Purchase Tax 4/9 per dozen · Retail Price 3/- each

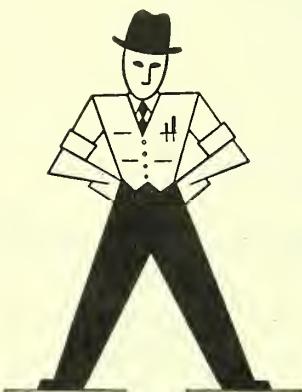
**JOHN BELL, HILLS & LUCAS LIMITED**

OXFORD WORKS, WORSLEY BRIDGE ROAD, LONDON, S.E.26

★ ★ ★

2nd YEAR

# "BE YOUR own BOSS"



**£3,500  
to run your  
own business**

Your judgment, your ability  
and your keenness can win you  
this grand prize.

Have you an idea for a business enterprise?  
One you feel sure would succeed? One you would  
run, given a fair chance?

If lack of capital is your stumbling block here  
is your chance.

## 12 ON TELEVISION

From the easy-to-enter competition in  
the News Chronicle, twelve competitors  
will be selected to appear on BBC  
Television, four for each of three regional  
finals. These finals will be held on TV in  
London, Manchester and Birmingham.  
The grand final will also be on TV (London)  
and will be between six competitors—two  
from each region.

*Full details of "BE YOUR OWN BOSS" will be published from  
MONDAY, JANUARY 28, exclusively in the*

# News Chronicle

AND

**Daily Dispatch**

**Mistol MIST** is the new Aqueous Mistol in the squeeze-bottle pack. A fine nasal decongestant containing Phenylephrine HCl and Mepyramine Maleate.

**MISTOL MIST** goes on  
**ALL I.T.V. STATIONS** — London,  
 Birmingham and Lancs/Yorks—from  
**NEXT WEEK TILL MID-MARCH**  
 with regular showing of a 15-second  
 live action film at **PEAK VIEWING TIMES**.

- ★ **CHECK** — That you have Mistol Mist in Stock.
- ★ **CHECK** — That you have Mistol Mist displayed.

Trade Terms: 28/- per dozen, retailing at 3/6 each. No Purchase Tax.

All orders and enquiries for display material to: \_\_\_\_\_

**FASSETT & JOHNSON LTD**  
 86 CLERKENWELL ROAD, LONDON, E.C.I      Telephone: CLErkenwell 2336

# The full range of all-British corticosteroid preparations

## Cortistab (Cortisone)

Tablets, 5 mg. and 25 mg.,  
bottles of 40, 100 and 500.  
Injection, 25 mg. per ml., vials of 10 ml.  
Eye Drops, 1%, bottles of 3 ml.  
Eye Ointment, 1%, tubes of 3 G.

## Hydrocortistab (Hydrocortisone)

Tablets, 20 mg., bottles of 100.  
Injection (Intravenous), 5 mg. per ml.  
ampoules of 20 ml.  
Injection (Local), 25 mg. per ml.,  
vials of 5 ml.  
Ointment, 0.5%, 1%, or 2.5%,  
tubes of 5 G, and 15 G.  
Cream, 0.5%, 1%, or 2.5%,  
tubes of 5 G, and 15 G.  
Eye Drops, 1%, bottles of 3 ml.  
Eye Ointment, 2.5%, tubes of 3 G.

## Hydromycin (Hydrocortisone with Neomycin)

Ointment, 1%, tubes of 5 G, and 15 G.  
Ear/Eye Ointment, 1.5%, tubes of 3 G.  
Ear/Eye Drops, 1.5%, bottles of 3 ml.  
All these preparations contain 0.5% of  
Neomycin Sulphate.

## Delta-Stab (Prednisolone)

Tablets, 1 mg. and 5 mg.,  
bottles of 30, 100 and 500.

## Prednisone

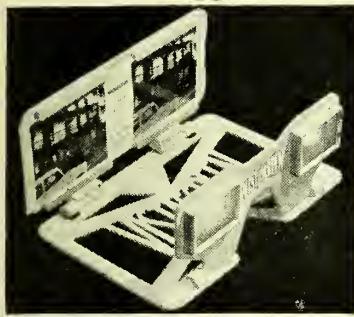
Tablets, 1 mg. and 5 mg.,  
bottles of 30, 100 and 500.  
(available shortly)

*Available from your usual wholesaler or from*  
**BOOTS PURE DRUG CO. LTD., STATION STREET, NOTTINGHAM. TEL: 45501**

**OR FROM THE LONDON SALES OFFICE, 71 FLEET STREET, LONDON, E.C.4. TEL: FLEET STREET 0111**



# Just nothing like it on the market



only **2/6** retail



## 3 DIMENSIONAL VIEWER

Never before at this price. And beautifully designed and made in rich polystyrene plastic. Individually boxed for easy stocking. A perfect A.P.F. line with big follow-up sales . . .

**With follow-up sales assured !**



## 3 DIMENSIONAL VIEWS



### NEARLY 100 DIFFERENT SETS

Beauty spots—Historic houses—seaside resorts—glamour models—animals for the children! Covering the whole of Britain and the Channel Islands, etc., in almost 100 separate sets of 10 pictures. Each set individually boxed. At only 2/6 they'll go like wildfire!

**See them at . . .**

**THE GIFTS AND FANCY GOODS FAIR**  
Room 214, Metropole Hotel, Blackpool. Feb. 4th—8th.

**NATIONAL STATIONERY AND BOOK TRADES FAIR**  
Stand 115 Old Hall, Royal Horticultural Society Hall, Westminster, S.W.1. Feb. 11th—15th.

**THE BRITISH TOY FAIR**  
Room 206, Grand Hotel, Brighton. Feb. 25th—Mar. 1st.

ONLY  
**2'6<sup>a</sup>**  
per set

**lead to  
FASTER  
PROFITS**

!

THE **VISTASCREEN** CO. LTD.



*order  
from your  
wholesaler*

## Neuro Phosphates



I remember now. That was the stuff that did Connie's child so much good after his flu. I'd been meaning to ask her . . .

*I could have told you—our doctor had me on it for a while. But I didn't know you were feeling run down.*

Oh, it's not *me*, only father's been feeling very "elderly" lately, so after what Connie said I thought he ought to have a course of it to pick up his appetite. I'd better get some while I'm here.

**In 8-oz. bottles**

**RETAIL PRICE 6/- EACH**

Could you have anticipated that purchase and reminded the customer to get her 'Neuro Phosphates' by any other means than point-of-sale display? Display pays hands down with a product like 'Neuro Phosphates', which has been a household word for many years.

MENLEY & JAMES, LIMITED, COLDHARBOUR LANE, LONDON S.E.5

Tel: BRIxton 7851

for SmithKline & French International Co. owner of the trademarks 'Neuro Phosphates' and 'Eskay'



He's one of  
800,000 reasons

#### WHY HEINZ STRAINED FOODS SALES ARE GROWING

By selling Heinz Strained Foods you can tap a market of over 800,000 potential customers. That's the number of babies of Strained Foods age in Britain to-day. Most of them are already customers for Heinz Strained Foods, and the numbers are still increasing.

What a market for you! This is why it's growing:

MOTHERS ARE READING HEINZ NATIONAL ADVERTISING  
Advertisements with strong mother-appeal are appearing in leading women's magazines. They persuasively sell the variety and goodness of Heinz Strained Foods.

#### MOTHERS SEE HEINZ DISPLAYS

Displays remind mothers of the 19 kinds of Heinz Strained Foods. Colourful and eye-catching displays will help you sell more Heinz Strained Foods—and a greater variety, too.

800,000 customers will be wanting their meals to-day. To get your share of this market, display and recommend Heinz Strained Foods.

<sup>57</sup>**HEINZ**  
Strained Foods

J. HEINZ COMPANY, LTD., HARLESDEN, LONDON N.W.10



# THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

The weekly newspaper for pharmacy and all sections of the drug, pharmaceutical and fine chemical, cosmetic, and allied industries

*Official organ of the Pharmaceutical Society of Ireland  
and the Pharmaceutical Society of Northern Ireland*

Volume 167

January 26, 1957

No. 4014

## CONTENTS

|                                      |     |
|--------------------------------------|-----|
| A Barbican Druggist of the 1880's... | 92  |
| Branch and Association Meetings ...  | 83  |
| Change of Command at Ministry ...    | 85  |
| Correspondence ... ... ...           | 95  |
| Examination Results ... ...          | 87  |
| Hospital Pharmacy Forum ... ...      | 95  |
| Leading Article:—                    |     |
| Summary Dismissal ... ...            | 89  |
| Letter to a Young Graduate ...       | 91  |
| Medical Abstracts ... ...            | 93  |
| New Films and Film Strips ...        | 94  |
| New Products and Packs ...           | 86  |
| Northern Ireland Health Board ...    | 83  |
| Onward from Galen ... ...            | 90  |
| Pharmaceutical Society of Ireland:   |     |
| Council Meeting ... ...              | 97  |
| Pharmaceutical Society of Northern   |     |
| Ireland: Council Meeting ...         | 96  |
| Pharmacies of Britain—54 ...         | 88  |
| Topical Reflections ... ...          | 81  |
| Births ... ...                       | 84  |
| Business Changes ...                 | 84  |
| Coming Events ...                    | 103 |
| Deaths ... ...                       | 84  |
| Fifty Years Ago ...                  | 98  |
| Information Wanted ...               | 87  |
| Irish News ...                       | 82  |
| Legal Reports ...                    | 84  |
| New Companies ...                    | 84  |
| News in Brief ...                    | 81  |
| Overseas News ...                    | 81  |
| Personalities ...                    | 85  |
| P.A.T.A. ...                         | 104 |
| Price Changes ...                    | 104 |
| Print and Publicity ...              | 104 |
| Trade Marks ...                      | 103 |
| Trade Notes ...                      | 87  |
| Trade Report ...                     | 101 |

INDEX TO ADVERTISERS, Pp. 5 & 6.

PUBLISHED BY  
MORGAN BROTHERS (PUBLISHERS), LTD.,  
at 28 Essex Street, Strand, London, W.C.2

Telephone: Central 6565

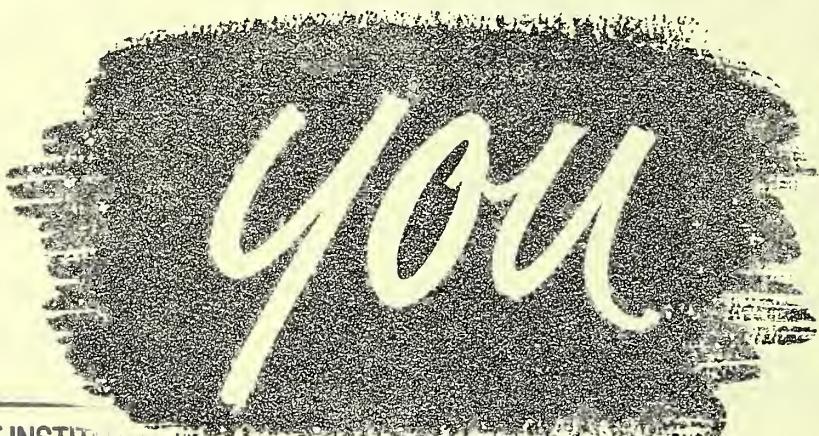
Telegrams: Chemicus, Estrand, London

Branch Offices:

BIRMINGHAM, 2: 111 New Street, Phone: Midland 2921.  
GLASGOW: 35 Kings Lynn Drive, King's Park, S.2. Phone: Langside 2813.  
LEEDS, 16: 32 Wynford Rise, West Park. Phone: Leeds 67 8438.

ANNUAL SUBSCRIPTION,  
which includes The Chemist and Druggist Diary and  
Year Book, £2. Single copies one shilling each.

**They have to come to**



WELLCOME INSTITUTION  
LIBRARY

|       |           |
|-------|-----------|
| Coll. | WellMOmec |
| Coll. |           |
| No.   |           |
|       |           |
|       |           |

**for  
Endocil**

Distribution of this widely advertised hormone cream  
is through CHEMISTS ONLY

This is made clear to the public in every advertisement.

**INCREASED ADVERTISING FOR 1957**

will be concentrated throughout the year in these magazines

**WOMAN · WOMAN'S OWN · WOMAN'S WEEKLY**

**WOMAN'S JOURNAL · WOMAN & HOME · VOGUE**

**ENDOCIL hormone cream** Tube: 5/7½d retail (inc. P.T.)

**DISCOUNTS**

**33½% plus 12½% for display on all orders of 1 doz. and over**

ORGANON LABORATORIES LIMITED, BRETTENHAM HOUSE, LANCASTER PLACE, LONDON, W.C.2

# The CHEMIST AND DRUGGIST

Volume 167

JANUARY 26, 1957

No. 4014

## Chemists Federation

### COUNCIL MEETING

A MEETING of the Chemists Federation council was held on January 9, Mr. G. E. Mann (president) in the chair. Meetings of committees were held on the previous day. The following addition to the C.F. list was approved: Burroughs Wellcome & Co. (Cortisporin). The C.F. standards committee examined further products which were accepted for inclusion in the C.F. list before the introduction of the code of standards and in some cases recommendations were made to the manufacturers concerned. Certain matters arising from that work were referred to the Federation's consultants. Arrangements were made for the annual meeting of C.F. manufacturers to be held at 2 p.m. on February 7. A general meeting of members follows at 2.30 p.m., at which will be discussed the revised constitution and rules of the federation which have been approved and adopted by the council. Both meetings are being held at the Connaught rooms, London, W.C.1. Reports were received of the C.F. representatives' work in Glamorganshire, Monmouthshire, co. Durham and Northumberland. Arrangements were made for speakers at the following meetings:—January 31, Bridgend (assistant secretary), Keighley (Mr. A. Aldington), February 14, Birmingham (assistant secretary).

## Shops Bill

### POSITION OF PHARMACISTS

THE dilemma in which the new Shops Bill would place pharmacists if passed in its present form has been pointed out by Executive Councils. Burton Executive Council recently supported Middlesex Executive Council's suggestion that the form of the Shops Bill should be amended so far as it related to pharmacists (C. & D., December 29, '56, p. 701). It was pointed out that, if the Bill became law, a qualified pharmacist working on a Sunday would have to be released until either 11 a.m. on the day the following week, or after 5 p.m. on such a day. That, in effect, would enforce the closing of such pharmacies until 11 a.m., or after 5 p.m. It was therefore suggested that, in the proposed legislation, the hour of five should be altered to six. It was "the story" of lack of co-ordination between the Ministry of Health and the Board of Trade, said Mr. L. H. TEARE, P.S., at Smethwick Executive Council recently. Mr. A. R. J. PENNY (clerk of the Council) said that Walsall Pharmaceutical Committee had already



**TROPHY TO CHIEF PHARMACIST:** Dr. Harold Davis (chief pharmacist, Ministry of Health) becomes the first holder of a trophy donated to the Hygeia Camera Club (the camera club of the Ministry of Health) by Sir Weldon Dalrymple-Champneys, C.B., D.M., F.R.C.P. Sir Weldon, until recently deputy chief medical officer at the Ministry, was president of the Club, 1934-56. The trophy is being awarded annually for the best four prints or colour slides. Dr. Davis gained it for four colour slides of subjects photographed during his recent visit to the Gold Coast.

taken up the matter with the Minister of Health, who had replied that he would look into Section 41 of the Shops Bill and make the necessary amendments before the Bill became law.

## "Waste of Money"

### ANTIBIOTICS IN DRUG-TESTING SCHEME

CARELESS storage may affect the stability of antibiotic preparations and so it is considered important that they should be tested in order to confirm that they are of the required standard, state the Ministry of Health in reply to a resolution from Hampshire Executive Council. The resolution, moving that the testing of antibiotic preparations in accordance with the provisions of the drug-testing scheme should be discontinued, claimed that the scheme was a waste of time and money. After considering the Department's reply, the pharmaceutical service committee of the Hampshire Executive Council said that the drug-testing scheme was not the appropriate or effective method of dealing with chemists' conditions of storage or the issue of "stale" stocks

of antibiotics. The management committee of the Executive Councils' Association (England) recently considered Hampshire's request to reopen the matter with the Ministry but adjourned discussion to the next meeting on being informed that further tests of antibiotics were being taken in other parts of the country.

## Statutory Committee

### A NEW AND RESUMED INQUIRIES

THE Statutory Committee of the Pharmaceutical Society is meeting at 17 Bloomsbury Square, London, W.C.1, at 2.30 p.m. on February 6:—

1. To consider information and evidence from which it appears that a member of the Society has been convicted on charges of stealing money from his employers and of falsifying accounts.

2. To resume two inquiries concerning convictions of members of the Society for offences under the Larceny Act, 1916, adjourned from December 7, 1955.

3. To resume an inquiry concerning convictions of a member of the Society for offences under the Offences Against the Person Act, 1861, adjourned from February 1, 1956.

## Press Council

### SOCIETY'S COMPLAINT UPHELD

FOLLOWING a complaint by the Pharmaceutical Society, a correction should have been published by the *Swindon Evening Advertiser* states the General Council of the Press. That newspaper had incorrectly described a firm as "chemist" in a court case and had refused to publish a correction as drafted by the Society. The Council decided that, in view of the position under the law laid down by the Pharmacy Acts the correction suggested by the Pharmaceutical Society should have been published with the addition of the words that "on October 27 the firm in question had informed the Press Council that they were trading as a drug store and not as chemists."

## Holders of Office

### FURTHER LIST OF APPOINTMENTS

THE following were among Government appointments recently announced:

**MINISTER OF PENSIONS AND NATIONAL INSURANCE:** Mr. J. A. Boyd-Carpenter (unchanged).

**MINISTER OF STATE, BOARD OF TRADE:** Mr. D. C. Walker-Smith.

**JOINT PARLIAMENTARY UNDER-SECRETARIES, HOME OFFICE:** Miss P.

Hornsby-Smith and Mr. J. E. S. Simon.  
Changes at Ministry of Health, p. 85.

## By Instalments

### PREMIUM BONDS FOR EMPLOYEES

TO encourage the sale of premium savings bonds among employed persons and to make it easier for them to buy the bonds without having to call at a post office or bank, the National Savings Committee is operating a "bulk-purchase scheme." The scheme enables employers who affiliate a savings group for the purpose to purchase the £1 bonds in bulk, so that employees can have the advantage of buying predated bonds by instalments. By prepayment the employer obtains from the Premium Savings Bond Office, Lytham St. Annes, Lancs, stocks of the bonds for members of the group. Bonds of one and/or five units are supplied for resale. They are sent out with date stamps but without counterfoils. Employees may subscribe for any number up to 500 each by deduction from pay, by collection, or by other methods of group saving. When employees receive the bonds the company forwards to Lytham St. Annes, for registration, the application forms group members complete, together with members' names and the numbers of the bonds issued to each. The first monthly draw (for prizes ranging from £1,000 down to £25) takes place in June. Uncashed bonds, after they have been held for six months, take part in every draw. Under a second plan, the "schedule scheme," a savings-group secretary in a place of employment obtains premium savings bonds for members by arranging with a Post Office, Trustee Savings Bank, or joint-stock bank to accept, with a list of applicants and the money, completed application forms. It is also possible to save towards the purchase of premium savings bonds through an existing savings group, by buying 2s. 6d. savings stamps and placing them on a special premium savings bond stamp-card. When eight of the stamps have been collected on a card they are exchanged for a £1 bond. Members of National Savings Clubs can buy bonds by withdrawing money saved in the club account and filling in application forms provided by the club secretary. Gift tokens at £1 each may be bought by people who wish to give a bond as a present for a birthday or any other occasion, the token being converted into a bond at any post-office or any bank.

## Synthetic Detergents

### TECHNICAL COMMITTEE APPOINTED

THE Standing Technical Committee on Synthetic Detergents has been appointed with the following membership:—Chairman: Mr. H. W. Cremer (consulting chemical engineer); Members: Dr. N. R. Beattie (principal medical officer, Ministry of Health); Dr. E. A. B. Birse (chief inspector of alkali works and rivers pollution in Scotland); Dr. A. H. Cook (Brewing Industry Research Foundation); Mr. H. R. Galleymore (head of research and development, Thomas Hedley & Co., Ltd.); Mr.

W. E. Hamer (research manager, Monsanto Chemicals, Ltd.); Dr. G. C. Hampson (research manager, Unilever, Ltd.); Dr. S. H. Jenkins (chief chemist, Birmingham Tame and Rea district drainage board); Dr. A. Key (senior chemical inspector, Ministry of Housing and Local Government); Dr. J. Longwell (senior principal scientific officer, Department of the Government Chemist); Mr. F. T. K. Pentelow (chief inspector of salmon and freshwater fisheries, Ministry of Agriculture, Fisheries and Food); Dr. B. A. Southgate (director of water pollution research, Department of Scientific and Industrial Research); Mr. R. C. Tarring (manager of detergents department, Shell Chemicals, Ltd.); Dr. E. Windle Taylor (director of water examination, Metropolitan Water Board); Secretary: Mr. D. H. A. Price (Ministry of Housing and Local Government). The committee's terms of reference are to keep under review the difficulties arising in sewage works, rivers and water supply as a result of the use of synthetic detergents; to encourage and assist the co-ordination of appropriate research by manufacturers of detergents and intermediate materials, and by suitable public bodies, into methods by which those difficulties, or risks of difficulty, could without an undue burden on public funds be avoided or overcome; and to report progress at least once a year.

## Pharmacist Censured

### DERBY EXECUTIVE COUNCIL ACTS

A DERBYSHIRE pharmacist has been censured by Derby Executive Council for altering a prescription. That is revealed in a report by the Council's pharmaceutical service committee. It states that the prescription was sent to the Council by the prescription pricing bureau because the quantity of Cortril ointment ordered appeared to have been altered from 5 to 15 gms. The chemist who dispensed the ointment stated that it was fairly obvious he must have made the alteration because he did not keep a large stock and, rather than inconvenience the customer, he dispensed a 15-gm. tube as he had nothing smaller in stock. His intention would have been to return the prescription form to the doctor for approval but he might have forgotten through pressure of business. In the Committee's opinion he was "gravely at fault" in altering the prescription, and, whilst he may have been justified in supplying the larger quantity he was "extremely negligent" in not obtaining the doctor's approval of the change. There was, however, no evidence to suggest that there was any ulterior motive or intention to deceive.

## Sterilisation

### USE OF IRRADIATION IN PHARMACY

IRRADIATION—exposure to atomic radiation to destroy micro-organisms—would become widely used in pharmaceutical work before being commonly utilised in foodstuffs preservation, said Dr. T. Horne (Harwell Technological Irradiation Group) in a lecture to Bristol chemists and doctors recently held at the city's College of Technology. He

forecast that it would be at least five years before irradiated foodstuffs appeared in the shops in Britain. There was no danger of such foods being radioactive, but the changes brought about during irradiation were complex, and it would have to be shown that no toxic substances were created in treated foods. Mr. J. Blythe (deputy head of the industrial chemistry group, Harwell) said that there was no fear of radioactive contamination of water supplies in Britain. A plant that would remove completely activity from atomic waste could now be envisaged.

## N.F.'s Cyprus Critics

### "SOMETHING OF A DISAPPOINTMENT"

THE National Formulary is criticised in the annual report of the director of medical services for the Cyprus Government, published recently. "It must be confessed that that Formulary has been something of a disappointment," the report states. Instead of being, as was expected, an authoritative guide to modern therapeutics, it seems to be little more than a compilation of all those preparations which may still be used by medical practitioners whether the medicament is still considered to be efficacious or not! The report says that Cyprus has a "very large number" of pharmacists practising on their own account or employed by private companies: 123 pharmacies are registered in the island, which has a total population of just over half a million.

## Retail Sales

### BOARD OF TRADE STATISTICS

RECENTLY issued Board of Trade figures show that in 1956 sales of chemists' goods by independent retailers were 1 per cent. lower in November than in October but 4·4 per cent. higher than in November 1955. Large retailers sales were 9 per cent. higher in November than in October and 22·8 per cent. higher than in November 1955. Sales by Co-operative societies were 11·7 per cent. higher in November than in October and 10·9 per cent. higher than in November 1955.

## Exports of Medicines

### U.K. VALUES MAINTAINED IN 1956

UNITED Kingdom exports of medicines and medicinal preparations during 1956 were valued at £35,943,012—about £58,000 more than in 1955 despite antibiotics falling by over £1 million. Alkaloids were up by 20 per cent. and proprietary medicines rose from £9 millions to £10·3 millions. Australia was the largest customer taking medicinal preparations to the value of £3,027,501. A more detailed report will be given in next week's issue.

## Women Pharmacists

### NOMINATIONS FOR NATIONAL COUNCIL

CLOSING date for nominations for the national council of the National Association of Women Pharmacists February 1. Nominations should be addressed to the secretary of the Association, Mrs. E. N. J. Jones, 6 Ravelwood Avenue, Rock Ferry, Cheshire.

**NEWS IN BRIEF**

THE headquarters staff of the Pharmaceutical Society held their annual party in London on January 16.

THE British Trawlers' Federation has asked the Government to sanction the use of aureomycin for prolonging the freshness of fish.

ARRANGEMENTS quoted by Glasgow City property management committee or one of its housing schemes include a chemist's shop at a rent of £400.

CARGO freight rates from the United Kingdom to the east coasts of Canada and the United States are to be increased by about 10 per cent. from the beginning of April.

AN Order (published as S.I., 1957, No. 75), exempts methyl isopropyl ketone, 1:2:4-trichlorobenzene and 2:4-xylenol from Key Industry Duty, between January 24 and February 18.

PETROL rationing is being blamed for a falling-off in bookings for the British Industries Fair by Mr. E. M. Clayson (chairman of the Fair's executive committee).

THE Prime Minister is being asked to arrange for a deputation to be received by the Ministers of Power and Transport to discuss petrol rationing as it affects commercial travellers and the business community.

**OVERSEAS NEWS****GERMANY****Mass Vaccinations**

SUFFICIENT poliomyelitis vaccine will be available in West Germany by March to inoculate between 150,000 and 200,000 children. The first group to be vaccinated will be the two-year-olds. In addition to German vaccine, imported vaccines will be available on prescription.

**UNITED STATES****symposium on Aspirin**

A SYMPOSIUM on aspirin and its clinical uses was held recently in St. Louis, Missouri, under the auspices of the St. Louis Medical Society and the Monsanto Chemical Co. The event marked the production of the hundredth millionth lb. of aspirin. DR. J. D. PAUL (University of Iowa Medical School) said that aspirin could be used in place of sedatives and barbiturates. Two aspirin tablets at bedtime tended to induce sleep and that practice would help to stem the public's increasing addiction to sleeping potions. He also said that aspirin could relieve muscular tightness in poliomyelitis and prevent the formation of kidney stones in bed-ridden victims of the disease. DR. J. J. UNIM (clinical director, National Institute of Arthritic and Metabolic Diseases, Bethesda, Maryland) said that treatment of rheumatic diseases with aspirin and ACTH in combination yielded better results than either aspirin or the steroids alone. It was so more economical. DR. VINCENT KELLY (University of Utah Medical School) said that aspirin stimulated the natural secretion of steroids and increased the rate at which the body assumed those hormones.

**TOPICAL REFLECTIONS**

By Xrayser

**Professional Sensitiveness**

It seems to me, from reading the report of a meeting of the Surrey Executive Council (p. 53) that the attitude adopted by a doctor, supported by his medical colleagues and endorsed by the Council, showed a hypersensitiveness that was a little unreasonable. A resolution submitted by the Surrey Federation of Trades Councils, opposing the shilling levy, had stated that the charges would create difficulties for pharmacists and might lead to doctors—in an effort to save the patient money—not prescribing all that they felt to be necessary. To construe that observation, as Dr. Waterfield did, as a reflection on the medical profession, and a suggestion that they were not likely to do their *duty* because of the charges, appears to me to be a touchy reaction to what, on the face of it, seemed to be a genuine attempt to help doctor, patient and pharmacist. Indeed, first indications of the effect of the additional charges in the fall of the number of the items prescribed during December, 1956, suggest several possible explanations. One, that the fears expressed in the resolution were well-founded. Two, that the prescribing of doctors prior to December was needlessly large—though it may be that the Surrey doctors would equally strongly resent that suggestion. Or thirdly, as Dr. J. P. Donaghy said in the debate in Northern Ireland (p. 57), that the charges might deter some sizeable, and perhaps medically important, minority from visiting their doctors or from taking their prescriptions to the pharmacists. The charges are responsible for the changes that have taken place, but nobody would think of blaming the doctor or suggesting dereliction of duty.

**Handwriting and Character**

Is it possible for the handwriting expert to read character from handwriting? The question was asked recently in one of those B.B.C. programmes which provide audience and listener with an admixture of knowledge, opinion and humour, and the disseminators with, presumably, a modicum of pocket money. Two of the members of the panel, who boasted that nobody could read their handwriting but their secretaries, hoped that there was no justification for the belief. But, as was pointed out, the question did not refer to legibility, and character was not graded to degrees of legibility. The pharmacist, on being presented with a particularly badly-written prescription, may pardonably sum up the character of the doctor with an all-embracing comprehensiveness which perhaps owes more to the relief of pent up feelings than to the skill of the expert. Indeed, if legibility and character are proportionately related it could be asserted that, by and large, the medical profession have already reached the lowest depths of moral depravity.

**Signatures**

From experience of the business world, where a thoughtful typist usually ensures that there is no need to decipher the signature on the letter she has typed, it would seem that the most difficult thing of all to write is one's signature. I remember meeting a schoolmaster who, in the course of conversation on the subject of handwriting, told me an interesting story. One of the senior boys had won a school prize. It was the custom of the winner to write a letter to the donor of the prize, and the young gentleman, aged seventeen, complied with the procedure. With a lifetime's knowledge of boys, the master asked to see the letter before it was dispatched, and was pleased to find that it not only expressed the correct sentiments, but was beautifully written—all, that is, but a peculiar and unreadable scrawl at the bottom: the signature. My friend asked why the boy had signed in that manner. The answer, staggering in its implications, was that that was how he signed his cheques at the bank. On recovering his balance sufficiently to compliment the boy on his affluent position, the schoolmaster gently conveyed the suggestion that the prize donor might like to reply, and that would, my friend regretted, necessitate a complete rewriting.

## IRISH NEWS

### Students' Association

#### ANNUAL MEETING

ABOUT 200 students from thirty countries are expected to attend the Dublin conference of the International Pharmaceutical Students' Federation in September. That was disclosed by MR. BERNARD TEDDERS in his presidential address at the annual meeting of the Irish Pharmaceutical Students'



**IRISH STUDENTS' COUNCIL:** Recently elected council of Irish Pharmaceutical Students' Association: Seated, Messrs. B. Tedders, Tadgh MacGiolla Riogh (secretary), John McCormick (president), T. Whelan (treasurer). Standing, Mr. Denis McLaughlin, Miss Pauline Cusack, Messrs. Joe Mitchell, and Simon McGuinness. A ninth member (Mr. J. Crilly) was absent when the picture was taken.

Association, held in Dublin recently. Mr. Michael Costello (immediate past-president, Pharmaceutical Society of Ireland) represented the president of the Society, and other members of the Society's Council present at the meeting were Messrs. C. J. Cremin and G. C. O'Neill, with Dr. R. Timoney (dean of the College). Mr. John McCormick (secretary) presented his report, which was adopted. MR. TEDDERS said that the students' council was not receiving the support it should, and there was apathy among students. He trusted that in 1957 more interest would be taken in the Association, particularly in view of the fact that the International conference was being held in Dublin in September. A local committee had already been formed to make the necessary arrangements for the conference. About £1,000 would be needed to make it a success. The Irish Tourist Board had made a grant of £250 towards the conference expenses, and £60 had been raised by the students from dances. MR. COSTELLO, moving the adoption of Mr. Tedder's report, said no one should go forward for election to the students' council for 1957 who was not prepared to work hard. It was a good idea to bring pharmaceutical students from other countries to Ireland. Such contacts broadened their own outlook, and made them familiar with the high standards of pharmaceutical education abroad. Here in Dublin their standards fell short of some European countries, but they were steadily catching up. MR. G. C. O'NEILL recalled the days when there was no students' Association, and emphasised that it was in their own interests that students should strongly support the present body. MR. CREMIN wished the students every success in their conference and assured them of the support of the Council of the Pharmaceutical Society of Ireland.

The following officers and council were elected:—President, Mr. John

McCormick; Secretary, Mr. T. McGiolla Riogh; Treasurer, Mr. T. P. Whelan; Council, Miss P. Cusack; Messrs. S. McGuinness, J. Crilly, J. Mitchell, D. McLoughlin and B. Tedders.

## Certificates Presented

#### BELFAST CEREMONY

STUDENTS who qualified at the Northern Ireland Pharmaceutical Society's December 1956 examinations were presented with their certificates at a ceremony in the Society's lecture room, Belfast on January 17. The president (Mr. C. A. Quinn), who distributed the awards, congratulated the newly qualified pharmacists. He said he had been in the same position himself thirty-two years ago. Since then wonderful progress had been made in pharmacy and he advised the young pharmacists to keep abreast of the constant developments which were taking place. But the basis of pharmaceutical practice had not changed. The patient and the doctor, he said, had still to rely on the integrity of the chemist. That was a trust that they must not betray. The president and members of Council afterwards entertained the party to tea. Later in the evening Mr. Quinn presented the Society's prize for the best Part I student in 1956 to Mr. Noel H. O'Sullivan. Presenting Mr. W. H. Boyd with his past-president's medal, Mr. Quinn said that he had accomplished much for pharmacy and had set a very high example for future presidents to follow.

## Dispensing Opticians

#### NEW ASSOCIATION STARTED

THE recently-formed Irish Association of Dispensing Opticians, of which close on 90 per cent. of the members are pharmacists, held two inaugural functions in Dublin on January 15. At a reception, Mr. T. L. Egan (president) and council members welcomed visitors from Britain. Later, at a banquet, the top-table guests included Mr. P. F. McGrath (president, Pharmaceutical Society of Ireland), and Mr. M. Power

(the Society's vice-president) who is on the council of the Association.

## Conference Organisers

#### SOCIAL REUNION

MEMBERS of the various committees which worked so hard for the success of the 1956 British Pharmaceutical Conference held an enjoyable reunion at Elm Park golf club, Dublin, on January 19. Mr. Phil McAuliffe was M.C. and those present included Mr. P. F. McGrath (president, Pharmaceutical Society of Ireland) who was chairman of the conference local committee, Mr. Donal Kennelly (secretary of the committee), Mr. H. P. Corrigan (treasurer), Alderman M. L. Cashman, Mr. J. Gleeson, Mr. C. J. Cremin and Mr. J. G. Coleman (registrar of the Pharmaceutical Society of Ireland).

## Associates' Section

#### MONTHLY COMMITTEE MEETING

AT the January meeting of the Committee of the Associates' Section of Ulster Chemists' Association held in Belfast, on January 14, Mrs. T. O'Rourke in the chair, the following applications for associateship were approved:—*Pharmaceutical chemists*, Messrs. Eugene Collins and Cecil Watt; *Unqualified assistants*, Miss M. E. Allen and Messrs. Noel W. Bell, James Doyle and Noel C. O'Sullivan.

## IRISH BREVITIES

THE annual dance of Cork Guild of Pharmacy is being held in Cork on February 15. Tickets, price 17s. 6d. each, are obtainable from any member of the dance committee.

OF thirty-one candidates who sat for the Qualifying (Part II) January Licence examination of the Pharmaceutical Society of Ireland the following passed: Aloysius Acton, Norah C. Boland, John B. T. Corcoran, Michael J. C. Corbett, Bernadette Curtin, Thomas Dooley, Bridget V. Fitzpatrick, Cornelius S. N. O'Mahoney.



**IRISH DISPENSING OPTICIANS:** First council of newly formed Irish Association of Dispensing Opticians (on which pharmacy is strongly represented): Seated, Messrs. Wm. Dalton, Ph.C.I.; P. Case T. L. Egan (president); J. D. Whelan, Ph.C.I.; and M. Power, Ph.C.I. Standing, Messrs. P. N. Green Ph.C.I.; J. P. McGrath, Ph.C.I.; P. B. Joy, Ph.C.I.; E. Hayes, Ph.C.I.; S. E. Fox, Ph.C.I.; and D. J. Slattery, Ph.C.I. At back, Messrs. D. A. Whelan and M. Phelan.

## NORTHERN IRELAND HEALTH BOARD

### Pharmacy and surgery in same building: a ruling reviewed

A DECISION to reject an application for permission to open a pharmacy in the same building as a surgery (see *C. & D.*, December 22, 1956, p. 695) is being reconsidered by the Northern Ireland General Health Services Board.

At the Board's meeting in Belfast on December 29, 1956, it was reported that the General Purposes and Finance Committee was reminded by MR. G. D. STEWART (secretary) of the Board's endorsement of the recommendation by the Pharmaceutical Advisory Committee that the application should not be approved. Mr. Stewart submitted to the Committee, a memorandum in support of a request for a review of the Board's decision prepared by solicitors representing all the parties concerned. The secretary explained the situation and reported that the doctor had stated that he was trying to obtain alternative surgery accommodation and hoped that the Board would allow him a period of at least one year in which to do so. The Committee recommended that the chemists' application should be approved if the connecting door between the two premises was bricked up and that the doctor should be allowed a period of twelve months in which to obtain suitable alternative surgery accommodation. The Board agreed to go into committee to consider the recommendation.

### Disciplinary Action

The Board approved a recommendation of the Services Committee to recover £3 3s. from the remuneration of a chemist. A test prescription dispensed by the chemist was found to be 50·5 per cent. deficient in phenobarbitone content. The chemist told the Committee that the test was made in his branch shop and the tablets dispensed were taken from a stock bottle labelled half grain and dispensed in good faith. The shop was managed by a pharmacist who had recently taken over control of the branch. The chemist stated that when he received the report from the Board he forwarded his own sample to the manufacturers asking for an analysis but, although the tablets appeared to be half grain size phenobarbitone, the manufacturers were not prepared to carry out an analysis as the container was not properly sealed. He produced the container which was a rectangular box, opening at both ends and pointed out that only one end was sealed. The Secretary pointed out that the chemist had not followed the procedure laid down for analysis of the contents of the second container. The Committee considered that the chemist was in breach of his terms of service. The Committee thought that it would be desirable in future tests to use a type of container with only one opening which could be more readily sealed. The Board adopted the recommendation of the Services Committee.

In another case the Services Committee considered a complaint that a test prescription for Dexedrine tablets had not been dispensed as ordered. In a letter to the Board, the chemist con-

cerned stated that at the time the prescription was presented he had been out of stock of Dexedrine tablets and taking as a guide the National Formulary, 1955, he had dispensed dexamphetamine sulph. and endorsed the prescription accordingly. Knowing

the prescriber, he knew that he would be in agreement in the circumstances. The chemist stated that he had not telephoned the doctor for advice and endorsement. In view of the age and apparent infirmity of the chemist and the fact that he would shortly be retiring from business, the committee recommended that no penalty should be imposed and the Board adopted the recommendation.

## BRANCH AND ASSOCIATION MEETINGS

### HUDDERSFIELD

#### Minister's "Unjust Action"

THERE was criticism of the new National Health Service prescription levy at the annual dinner of Huddersfield Branches of the Pharmaceutical Society and the National Pharmaceutical Union, held recently. Mr. Malcolm Peel (Branch chairman) presided. MR. J. R. IRELAND (a member of the Branch committee) proposing the toast to the Union, said that he thought that the levy was "about the most unjust and immoral act ever perpetrated by the Minister of Health." Responding to the toast, MR. G. H. M. GRAHAM (chairman, Central N.H.S. (Chemist Contractors) Committee) said that the N.P.U. had pointed out the iniquity of the new charges to the Minister, the Treasury and the Prime Minister, but to no avail. MR. G. WALKER (Branch vice-chairman), proposing the toast to "kindred branches and guests," spoke appreciatively of Mr. Graham's work for pharmacy. MR. S. THORNTON (chairman, Halifax Branch of the Pharmaceutical Society) responded.

### GLASGOW

#### Debate on Pharmacy Limitation

LIMITATION of pharmacies according to population was proposed at the annual "students' night" meeting of the Glasgow and South-western Scottish Branch of the Pharmaceutical Society, held recently. Second-year students, MESSRS. CAMPBELL and KING, supporting the proposition, argued that limitation would raise the status of pharmacy in the eyes of the public and make for more unity among members of the profession. For the branch, MESSRS. R. B. BIRRELL (vice-president) and J. STEWART opposed, stressing the importance of free choice to members as to where they should open. PROFESSOR J. P. TODD said that limitation would probably come in the future, but through the schools putting out fewer pharmacists. He also thought that the profession was heading for "pure" pharmacies in the future—a view that caused Miss BODEN to speculate on remuneration, since practically all those practising "pure" pharmacy today were in hospitals "and they were poorer paid than anybody." Students D. MAIR and J. IRVINE also contributed to the discussion. MR. J. D. MAIR proposed a vote of thanks to the speakers. Mr. W. T. WILSON (branch chairman) presided.

### HARROGATE

#### Changes in Surgery

At a recent meeting of the Harrogate Branch of the Pharmaceutical Society an eminent local surgeon gave a talk

entitled "Changes in Surgery since the War." Surgeons had no hesitation in operating on people of all ages and even those of eighty and over had had successful major operations. The chances of surviving an operation were much greater than they were in 1939 due to advances in anaesthesia, the sulphonamide drugs, the antibiotic group, and greatly advanced knowledge of the chemistry of the blood. Operations on main arteries with replacement of a diseased part by a section of healthy artery, or by a plastic material had been carried out with great success. The greatest advance in hormonal treatments was that associated with Huggins of Chicago, who had recently shown that the extirpation of the adrenal glands and the ovaries could affect the growth of cancer of the breast, particularly the secondary deposits which occurred.

### DURHAM

#### Duties of a Coroner

At a meeting of the Durham Branch of the Pharmaceutical Society held recently, MR. H. HEWITT (solicitor and coroner for the Darlington ward) gave a talk on the duties of a coroner. As a safeguard to the public, said Mr. Hewitt, it was a coroner's duty to investigate the cause of a death if it was not obvious and straightforward, deciding privately if a *post-mortem* was necessary. After accidents or in suspicious circumstances, in England, a *post-mortem* must be performed. He sat with a jury at his own discretion, mainly in cases where damages or compensation was involved. Murders or suicides by poisoning often brought coroner and pharmacist into contact. So many household remedies were capable of misuse that often the poisons had been obtained, perfectly legally from a pharmacy. Mr. Hewitt thought that barbiturates were often ordered in dangerously large quantities as they were frequently supplied to the type of patient in a state likely to lead to overdosage. Pharmacist and coroner could also be concerned in cases of death from criminal abortion or attempted abortion. Judging from the number of cases coming to light, said Mr. Hewitt, the actual number of cases must be alarmingly large. The sale of substances capable of use for that purpose was still taking place to some degree and it was to the pharmacist's advantage to see that sales of such substances, capable of misuse, were for a legitimate purpose, or were sold in a form unsuitable for use as an abortifacient. Parents were careless in leaving medicines within reach of children but, if the labelling was as required, the pharmacist had not to take responsibility for accidents.

## NEW COMPANIES

P.C. = Private Company; R.O. = Registered Office

CLEGG & SON, CHEMISTS (WANTAGE), LTD. (P.C.)—Capital £10,000. Directors: Philip H. Hulbert, M.P.S., and Joan D. Hulbert. R.O.: 5 Newbury Street, Wantage, Berks.

R. S. TAPLIN, LTD. (P.C.)—Capital £1,000. To carry on the business of retail or wholesale chemists, etc. Directors: Reginald S. Taplin, M.P.S., and Elizabeth M. Taplin. R.O.: 133 Hersham Road, Walton on Thames, Surrey.

R. MERRIDAY, LTD. (P.C.)—Capital £100. To carry on the business of druggists and librarians, etc. Directors: Ronald H. Merriday and Peggy Dugdale. R.O.: 34 Thamehill Avenue, Romford, Essex.

DAVID KAYE, LTD. (P.C.)—Capital £1,000. To carry on the business of manufacturing and general chemists, etc. Directors: David Kaye, F.P.S., and Esther Kaye. R.O.: 63 Cross Street, Sale.

SUNNYBROW DRUG STORE, LTD. (P.C.)—Capital £1,000. To carry on the business of chemists, druggists and librarians, etc. Directors: John M. Richards and Margaret M. Ward. R.O.: 14 Levenshulme Road, Gorton, Manchester.

KATZ & ROBINSON, LTD. (P.C.)—Capital £500. To carry on the business of wholesale or retail manufacturing chemists, herbalists and seedsmen, drug merchants, etc. Director: Harry I. Katz, M.P.S. R.O.: 199 Chapelton Road, Leeds, 7.

JAMES ELLIS, LTD. (P.C.)—Capital £2,000. To carry on the business of manufacturers of and dealers in toilet requisites, perfumes, etc. Directors: James T. H. Ellis, Frederick G. Ellis, and William Ellis. R.O.: 700 Seven Sisters Road, London, N.15.

M. MURRAY, LTD. (P.C.)—Registered in Dublin. Capital £100. To carry on the business of manufacturing and dispensing chemists, etc. Subscribers: Mary Murray and Richard Murray, 45 Greenlea Road, Terenure, Dublin. The first directors are not named.

G. E. NEWMAN, LTD. (P.C.)—Capital £1,000. To carry on the business of manufacturing, photographic and dispensing chemists and druggists, etc. Directors: George E. Newman, M.P.S., William J. Redman and Florence A. Redman. R.O.: 15 Chipping Hill, Witham, Essex.

HIGGINS & SON (CHEMISTS), LTD. (P.C.)—Capital £12,000. To acquire the business of a retail chemist and druggist carried on by Clement N. Higgins, M.P.S., at Salisbury. Directors: Clement N. Higgins and Vivy H. E. Higgins. R.O.: 47 Market Place, Salisbury.

SAEZ & CO., LTD. (P.C.)—Capital £4,000. To carry on the business of importers and exporters of and dealers in drugs, chemicals, etc. Subscribers: Carmen B. MacDonald and Manuel Lopez. The first directors are to be appointed by the subscribers. R.O.: 24 St. Mary Axe, London, E.C.3.

JAMES WILKINSON (BELFAST), LTD. (P.C.)—Registered in Belfast.

Capital £700. To acquire the business of a chemist carried on by J. Wilkinson at 1 Duncairn Gardens, Belfast. Directors: Anna M. Wilkinson, Olivia M. A. Wilkinson and Gardner T. Weir, M.P.S.N.I.

DR. WHITE'S LTD. (P.C.)—Capital £100. To carry on the business of manufacturers of and dealers in and agents for cotton goods, surgical dressings, chemists' sundries and chemical and paper goods of all kinds, etc. The first directors are not named. Solicitors: Slaughter & May, 18 Austin Friars, London, E.C.2.

E.C.10 DRUGS, LTD. (P.C.)—Capital £1,000. To carry on the business of manufacturers, wholesalers and retailers of drugs, pharmaceutical preparations, etc. Directors: David Lee (director, Appointed Properties, Ltd.) and Zygmunt Sieczko (director, Zygmunt (Chemists), Ltd.). R.O.: 23 Portman Square, London, W.1.

VECTIS CHEMICAL CO., LTD. (P.C.)—Capital £100. To carry on the business of manufacturers of and dealers in pastilles, medicines, etc. Directors: Frank P. Abraham, Edward H. Richardson, Stanley W. Durnell, Ivy E. Owen and Frank G. Dubbleday. R.O.: Regal Chambers, High Street, Shanklin.

SUPRANIMAL, LTD. (P.C.)—Capital £1,000. To carry on the business of manufacturers of and dealers in medicines whether patented or not, particularly those known or intended to be known as Supranimal and any by-products thereof, etc. Solicitors: Leslie Nathanson & Co., 22 Manchester Square, London, W.1.

UNIVERSITY PHARMACY, LTD. (P.C.)—Capital £2,000. To carry on the business of pharmaceutical, dispensing, analytical, and photographic chemists and druggists, etc. Directors: Geoffrey Tatlow, M.P.S., Caroline E. Tatlow and Ernest J. Wright, M.P.S. (director, Ernest J. Wright, Ltd.). R.O.: 6 High Street, March, Cambs.

WARNER-LAMBERT (IRELAND), LTD. (P.C.)—Registered in Dublin. Capital £50,000. To carry on the business of manufacturers of and dealers in pharmaceutical, medicinal, chemical, and other preparations, etc. Subscribers: James Maybury, 20 Shanowen Drive, Dublin, solicitor's assistant; and Miss Mary Sheehy, 10 Mount Street Crescent, Dublin. The first directors are not named.

## Company News

P. C. CAHILL & CO., LTD.—Mr. Malachi Leonard, M.P.S.I., has been appointed a director.

HOWARDS OF ILFORD, LTD.—The board now consists of Messrs. T. W. Howard (chairman), J. A. E. Howard (managing director), E. W. M. Fawcett (technical director) and H. P. P. Hodgkins (commercial director). The board of the parent company, Howards & Sons, Ltd., remains unchanged.

## BUSINESS CHANGES

MODKEM, LTD., have removed to 67 King Richards Road, Leicester (telephone: Leicester 27955).

H.D.G. (PHARMACEUTICALS), LTD., have moved their Scarborough works to Naturelle Laboratories, Hoxton Road.

MR. S. KEARSLEY, M.P.S., has opened a pharmacy at 92 Windmill Lane, Castlecroft Estate, Compton, Wolverhampton.

## Appointments

DISTILLERS CO. (BIOCHEMICALS), LTD., Fleming Road, Speke, Liverpool, 19, have appointed Mr. J. Paton, M.P.S., their publicity manager and Mr. T. W. Webster, M.P.S., their assistant home sales manager.

## LEGAL REPORT

### Theft from Pharmacy

At Leicester city magistrates' court recently, Mrs. Florence Grace Lucas, Oadby, appeared on remand on a charge of stealing goods from Boots, Ltd., Leicester. She was fined £50. At a previous hearing she had pleaded guilty and asked for other similar offences to be taken into consideration. She admitted having stolen from the shop goods to the value of over £100.

## BIRTH

HOLMES.—At The Knoll, Duns, Berwicks, on January 15, to Isabella, wife of Alexander John Holmes, M.P.S., Medical Hall, Greenlaw, Berwicks, a daughter.

## DEATHS

BANKS.—On December 19, 1956, Mr. Edward Herbert Hardy Banks, F.P.S., 14 Fore Street, Newquay, Cornwall. Mr. Banks qualified as a chemist and druggist in 1894 and passed the Pharmaceutical Chemist examination in 1895. He was in business in Newquay for many years.

CARR.—Recently, Mr. James Augustus Carr, M.P.S., 2 The Grove, Ryhope, nr. Sunderland, co. Durham. Mr. Carr qualified in 1895.

CORMODE.—Recently, Mr. Edward Lewin Cormode, M.P.S., 20 Westminster Drive, Douglas, Isle of Man. Mr. Cormode qualified in 1934.

DICKIE.—On January 9, Mr. John Gibb Dickie, Taunton, Somerset, aged seventy-nine. Mr. Dickie qualified as a chemist and druggist in 1901. He was a former manager of the Taunton branch of Boots, Ltd., retiring from that position in 1939.

ELLIS.—On January 14, Mr. George Wadsworth Ellis, M.P.S.I., 56A Albert Road, Glenageary, co. Dublin. Mr. Ellis qualified as a pharmaceutical chemist in Ireland in 1934. He was the owner of a pharmacy in Monkstown, co. Dublin.

GOW.—On January 9, Mr. James Gow, M.P.S., 28 High Street, Fortrose, Ross-shire, aged fifty-nine. Mr. Gow was chairman of the Northern Scottish Branch of the Pharmaceutical Society. He had been in business in Fortrose since 1926.

HARRISON.—On January 9, Mr. Norman Harrison, M.P.S., 28 Riverton Road, East Didsbury, Manchester, 20, aged fifty-four.

**HEATON.** — At his home, 100 Lancaster Gate, London, W.2, on January 18, Mr. Wallace Evans Heaton, F.P.S., aged seventy-nine. Mr. Heaton was founder and chairman of Wallace Heaton, Ltd., photographic dealers, Bond Street, London, W.1. A native of Leyburn, Yorks, he served his apprenticeship with Mr. J. A. Lupton, York, studying for the Minor examination at Manchester College of Pharmacy, and for the Major at the Metropolitan College. After a short time as an assistant in London, he went as manager to Hardcastle, Ltd., Brighton, where he stayed until he acquired the Angel Pharmacy in High Street, Sheffield, in 1903. He quickly developed a large business in photographic materials with a special showroom for them. In 1919 he opened a shop in Bond Street, London, with a staff of six. The company now has a staff of 350. He attended the business regularly until only a week before his death. Mr. Heaton was secretary of the Photographic Dealers' Association from its formation in 1914, president in 1920 and honorary secretary from 1925 until he retired from office in 1936. At a ceremony to mark that retirement, Mr. Heaton was presented with a gold wristlet watch and an illuminated address. The then senior past president of the Association, Mr. A. Oglesby, who performed the presentation, said that Mr. Heaton had carried out everything he had undertaken to the entire satisfaction of the national council of the P.D.A. He was "a man of big ideas and a big heart." Mr. Heaton was a member of the board of governors of the Royal Masonic Hospital. He is survived by a daughter and a son, Mr. John Wallace Heaton, who is managing director of the company.

**HUGHES.** — Recently, Dr. Job Hughes, M.R.C.S. Eng., L.R.C.P. Lond., 63 Woodside Avenue, Coventry, aged eighty-nine. Dr. Hughes qualified as a chemist and druggist in 1894. He was in business at the Stonehouse Pharmacy, Stonehouse, Glos, for many years, retiring in 1929. After that he turned to the study of medicine, qualifying as a doctor in 1933 at the age of sixty-five.

**MEARNS.** — On January 6, Mr. Robert Campbell Mearns, M.P.S., 50 Minster Way, Hornchurch, Essex. Mr. Mearns qualified in 1920.

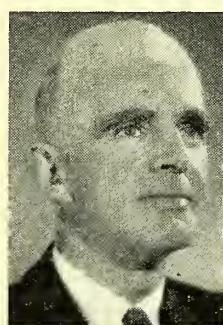
**RADCLIFFE.** — Recently, Miss Constance Catherine Radcliffe, M.P.S., 24 Finch Road, Douglas, Isle of Man. Miss Radcliffe qualified in 1919.

**WILLIAMS.** — On January 11, Mr. John Dovaston Williams, M.P.S., 2 Clevedon Court, Clive Road, East Dulwich, London, S.E.21. Mr. Williams qualified in 1921.

## PERSONALITIES

**MR. MALACHI LEONARD,** M.P.S.I., who has been appointed a director of P. C. Cahill & Co., Ltd. (wholesale and manufacturing chemists, Dublin) (see p. 84) is a Leitrim man, and resides at Dun Laoghaire. He served his apprenticeship with Mr. James O'Brien, Athlone. He gained

additional retail experience with the late Mr. Timothy Horan, Clonmel, and subsequently with Mr. G. C. O'Neill at Blackrock, co. Dublin. In 1937 Mr. Leonard left retail pharmacy to join the staff of P. C. Cahill & Co. as their city and country representative, and two years later qualified as a licentiate of the Pharmaceutical Society of Ireland. Mr. Leonard who has been calling on pharmacists in every part of the Republic for over twenty years was



chairman of the hotels subcommittee of the 1956 British Pharmaceutical Conference held in Dublin. Although an old member of the Irish Chemists' Golfing Society the rod rather than the golf club claims his devotion. He is a keen angler and asks for no better relaxation than a good day's trout fishing. He is president of the Pharmacy Branch of the St. Joseph's Young Priests' Society.

**MR. S. L. WEDGEWOOD,** M.P.S., Bury, Lancs, and his sons are using a thirty-eight-year-old steam lorry "Shrewsbury Belle" for holiday purposes.

**MR. H. E. CHAPMAN** (secretary, Proprietary Articles Trade Association) has been appointed an unpaid deputy chairman of Bedfordshire Quarter Sessions by unanimous vote of its members. Mr. Chapman will preside in the absence of the chairman at administrative meetings of the sessions.

**MR. J. M. DOWTY,** M.P.S. (a member of the Pharmaceutical Society's Council and chairman of the Society's Law Committee) has been invited by the Sheriff of Southampton to attend the lunch to the Recorder at the opening of the Quarter Session on January 28.

## CHANGE OF COMMAND AT MINISTRY

**Mr. Macmillan promotes a Party whip**

**Parliamentary Secretary**

**MR. J. K. VAUGHAN-MORGAN** is a director of the Morgan Crucible Co., Ltd., London, and of the British Guiana Consolidated Goldfields, Ltd. Born in 1905, he was educated at Eton and Christ Church, Oxford. During the 1939-45 war he was in the Welsh Guards, rising to the rank of lieutenant-colonel. As



Member of Parliament for Reigate since 1950 he has sponsored the employment and welfare of older men and women in business and industry. He takes a great interest in National Insurance and in social services generally and is chairman of the Conservative Party's Parliamentary Committee on Health and Social Security. He was co-author of a pamphlet on the "Care of Old People," and was one of the joint authors of "Change is Our Ally," a study of economic problems. In addition to national politics Mr. Vaughan-Morgan has taken part in municipal government. In 1928, at the age of twenty-three, he became a member of Chelsea borough council. He was elected to the London county council in 1946 and was returned again in 1949, serving until 1952. He is a Freeman of the City of London and a liveryman and member of the court of assistants of the Merchant Taylors' Company. He was vice-chairman, London Municipal Society, 1947-51.



**MR. DENNIS FORWOOD VOSPER** was born in Cheshire in 1916. He was educated at Marlborough and Pembroke College, Cambridge, where he took an Honours B.A. degree in Natural Science and political economy. Since 1938 he has been with the firm of Wilson, Vosper & Collart, ship's store and export merchants, Liverpool. Mr. Vosper served throughout the 1939-45 war with the Cheshire Regiment. He was adjutant and later second in command of the fifth battalion, being demobilised in 1946 with the rank of major. He has represented Runcorn in Parliament since 1950. He was appointed a Conservative Whip in November 1950 and was a member of the British Parliamentary Delegation to Israel in 1951 and to Turkey in 1953. He was appointed a Lord Commissioner of the Treasury after the 1951 Election. As Parliamentary Secretary to the Ministry of Education, 1954-57, he was particularly interested in child health, especially in the care of mentally-retarded children. His chief recreations are gardening and travel.

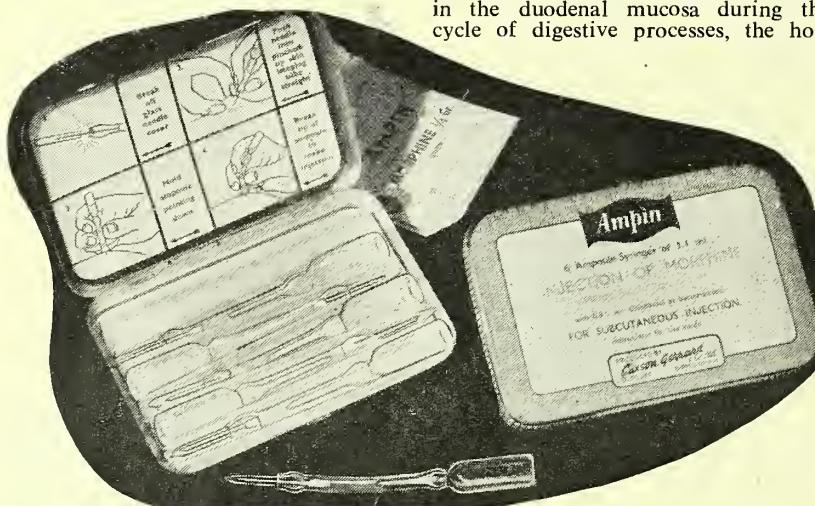
## NEW PRODUCTS AND PACKS

**Prednisone with Aspirin.** — Pfizer, Ltd., Folkestone, Kent, are marketing a new speciality Deltalgycortril tablets, each containing 0·5 mgm. of prednisolone and 330 mgm. of acetylsalicylic acid, for use in acute, subacute or chronic rheumatoid conditions where glucocorticoids (cortisone, hydrocortisone, prednisone, prednisolone) and salicylates have proved effective in larger doses (the effects of the combination are obtained at low dosages). The pack is a bottle of 100.

**Emergency Pack.** — For first-aid boxes and posts at which morphine or its equivalent must be always at hand, Cuxson, Gerrard & Co., Ltd., Fountain Lane, Oldbury, Birmingham, have produced an emergency tin of Ampins. The tin is strong, clearly labelled and

**Sulphamezathine Powder for Poultry.** — The pharmaceuticals division of Imperial Chemical Industries, Ltd., Fulshaw Hall, Wilmslow, Manchester, have added to their range of Sulphamezathine products for poultry a 9-gm. envelope of Sulphamezathine soluble powder. Like Sulphamezathine sodium solution 16 per cent. for the treatment of coccidiosis in poultry, the powder may be sold by the pharmacist as a First Schedule poison to poultry-keepers without a veterinary surgeon's prescription. Each envelope medicates 1 gall. of drinking water.

**Diagnostic Aids.** — Boots Pure Drug Co., Ltd., Station Street, Nottingham, announce the availability of secretin and pancreozymin hormones in pure and stable form. Normally produced in the duodenal mucosa during the cycle of digestive processes, the hor-



sealed with tape which is quickly stripped. It contains, for subcutaneous injection, six Ampins of either morphine sulphate, gr.  $\frac{1}{4}$ , or an equivalent dose of Tetrapon (a mixture of alkaloids of opium made to Swedish Pharmacopœial standards). Also included are six tie-on labels stating that morphine has been given, and on the inside of the lid there are clear pictorial instructions for use. (The Ampin is recognised as an "ampoule syringe" by the Ministry of Transport and Civil Aviation.)

**Uterine Antispasmodic.** — M.C.P. Pure Drugs, Ltd., 86 Strand, London, W.C.2, announce the introduction on February 1 of a new medicinal speciality, Femerital, for the treatment of primary dysmenorrhoea. Each tablet of Femerital contains 100 mgm. of dibutamide, 125 mgm. each of salicylamide and phenacetin and 25 mgm. of caffeine. Dibutamide is claimed to have a specific uterine antispasmodic effect and not to give rise to undesirable side-reactions such as hypotension and constipation. Published reports of clinical trials indicate that the preparation has proved effective in over 75 per cent. of cases of primary dysmenorrhoea. Femerital is available in cartons of thirty tablets (five units of six tablets each in sealed foil) and dispensing pack of 504 tablets (eighty-four units of six tablets). Literature is available.

mones (both powders) are used clinically as diagnostic aids in disorders of the pancreas and gall-bladder. Secretin is supplied in 10-mil rubber-capped vial of 100 units and pancreozymin in 25-mil rubber-capped vial of 100 units. As powders the two compounds retain their activity almost indefinitely at room temperature or below. Literature is available.

**Remedies for Pets.** — A range of remedies for common ailments of household pets (cage birds, dogs and puppies) is marketed by Kalium Products, Redditch, Worcs. Among them are Kalium brand garlic tablets (recently popularised on television "Pets' Hour" programmes), Shampooole, wheat-germ oil, Entrex (for intestinal complaints), etc. Garlic tablets are intended for the prevention of all worms, distemper, hard pad, etc. They are issued in boxes of forty and 100 tablets.

**Synthetic Honeycomb Sponge.** — An all-purpose synthetic honeycomb sponge, the Synfoam, is being marketed by Fletcher & Farlow, Ltd., Finsbury Court, Finsbury Pavement, London, E.C.2. The sponge is claimed not to harden. Never sticky, it may be boiled and dries quickly. It is resistant to oil, fats and petrol. The sponge is available in two sizes: standard (5 x 3½ x 1½ in.) and large (5¾ x 3¾ x 1¼ in.), each in three-colour transparent-tissue

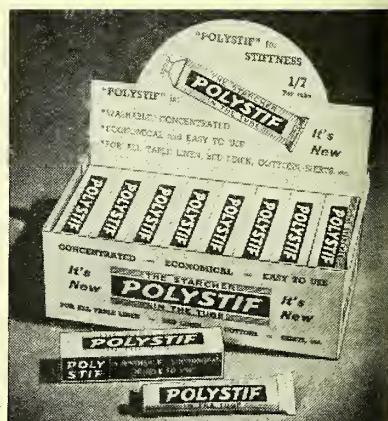


sleeve, one doz. in four-colour display carton. The Synfoam is obtainable through wholesalers or direct.

**Hair Streak "Stick."** — French of London, 4 Curzon Place, Park Lane, London, W.1, have produced a new solid version of their French Accent hair streak. The container is a black and gold case rather like a lipstick case, in black, red and white carton. It is available in "tiger bronze," "demon gold" and "quicksilver" colours.

**Blue Shampoo.** — A new blue shampoo for grey or white hair has been produced by Evan Williams Co., Ltd., Aintree Road, Perivale, Greenford, Middlesex. The product itself contains the blue tint and the shampoo is understood to be the only one of its kind on the market. The makers claim that regular use of it counteracts yellow discolouration. The shampoo is pleasantly perfumed and rinses out easily, leaving the hair soft and silky. It is available to the customer in an attractive pack and to the seller in a point-of-sale display box.

**Plastic starcher.** — A new plastic starcher that can be squeezed from a tube and dissolves readily in cold water is being marketed by Synthetic Polymer Products, 5 Milk Street, London,



E.C.2. One tube of Polystif makes ½ pint of strong starching solution; one teaspoonful makes half-a-pint. An article treated with Polystif is claimed to retain its finish through many washings. The pack is a display carton of twenty-four tubes.

## TRADE NOTES

**Two-ply White Toilet Roll.** — Described as the "biggest two-ply toilet roll," the Ozo, now available in a new white version, is at a special discount until March 31. The makers are Ellern Paper Co., Ltd., Ashford Road, Ashford, Middlesex.

**Distribution to Chemists.** — Dalmas, Ltd., Junior Street, Leicester, have been appointed distributors to retail chemists of Omnipid elastic foot cushions and bunion cushions, the manufacturers of which are International Foot Appliances, Ltd., 92 Baker Street, London, W.1.

**Bargain Fortnight.** — During a special "bargain fortnight" (February 21 to March 7) Petfoods, Ltd., Melton Mowbray, are offering Kit-E-Kat cat food in a special "thrift-E-pack" comprising three tins laced together and saving threepence to the consumer.

**New Library Films.** — "Sooty's Chemist Shop" is among a number of films featuring Harry Corbett's teddy bear glove puppet Sooty, now available on 16-mm. film from the G.B. Film Library, Perivale, Middlesex. Both colour and black-and-white versions are being distributed.

### Bonus Offer

RACASAN, LTD., Ellesmere Port, Cheshire. Racapan sanitary block and/or Racasan air freshener and moth block. 2½ per cent. on three doz.; 3½ per cent. on six doz.; 5 per cent. on twelve doz. In return for display. Space and Jet aerosols. Bonuses as for Racapan. [Corrected note.]

### INFORMATION WANTED

The Editor would appreciate information about suppliers of the following:

SLIMSWIFT C.L. PYRIN BALSAMINE  
DIMOPHYLINE PROMONTHEAN



REPRESENTATIVES AT DINNER: The scene at a Liverpool hotel when medical representatives of Evans Medical Supplies, Ltd., Speke, Liverpool, 19, were joining in a "Christmas dinner" organised by the company.

## EXAMINATION RESULTS

THE following candidates satisfied the examiners in the Pharmaceutical Chemist Qualifying examination held by the Pharmaceutical Society in England and Wales in December 1956. († = certificate withheld pending evidence of practical training or age):—

Allan, Marian J., Canterbury  
†Allanson, Bridget M., Banstead  
†Aschkenasy, Basile H., West Brompton  
Bailey, David J. W. H., Muswell Hill  
†Barrett, Verma, Rosendale  
†Barrow, Barbara J., West Drayton  
†Barton, Donald V., Cricklewood  
Beddoes, George, Pengam  
†Belthie, Frank W., Edgware  
†Bennett, Gillian E., Cheam  
Birkinshaw, Geoffrey, Chesterfield  
Blaber, Leslie C., Leicester  
Booth, Howard W., Chesterfield  
Boyd, Ian, Manchester  
†Bramford, Edward W. C., Leicester  
†Bromwich, John C., Middlewick  
Brookes, James W. B., Walsall  
†Bryant, Kenneth I., Brighton  
†Burn, Shirley, Newcastle-on-Tyne  
Burrows, Eric J., Ipswich  
†Burton, Robert L., Portsmouth  
†Busse, Michael J., Harrow  
Calder, Graham, Muswell Hill  
Camberg, Alan, Salford  
†Carr, Marjorie, Rotherham  
Casdan, Norman A., Birkenhead  
Catliff, Alan H., Maidenhead  
†Clinch, Shirley P., Stanmore  
†Corner, Doreen, Leigh  
†Cort, Margaret A., Welling  
†Coupe, Brian H., Mansfield  
†Cowley, William P., Southport  
Cox, Pamela M., Gedling

†Craig, Ian G., Caerwys  
Crossland, Donald M., Nottingham  
Dench, Warwick, Bridlington  
Dimond, Peter E., Altrincham  
Doran, Robert F., Dukinfield  
Dorman, Alfred, Stamford  
Durrant, Paul V., Uxbridge  
Egmore, Arthur L., Romiley  
Ellen, Kenneth W., Cranbrook  
†Fenn, Sheil A. C., Pinner  
Flood, John R., Southampton  
†Foster, Shirley A., Lincoln  
†Foy, John M., Mexborough  
Freedman, Hettie B., Manchester  
†Freilich, Joseph, Gateshead  
George, William E., Nantwich  
Giles, Eric E. F., Carshalton  
†Goldstone, Jack, Manchester  
†Grant, Margaret M., Islington  
Gray, Brian J., Morecambe  
†Green, Gerald B., Sale  
Groves, Michael J., Stoke  
†Gullick, John G., Fowey  
Habgood, Patricia E., Mere  
†Hall, Alan F., Wigan  
Hancox, Douglas A., Coventry  
Harkiss, Keith J., Bawdsey  
†Hazell, Charles D. M., Wakefield  
Herbert, Philip J., Streatham  
†Hershman, Gillian R., Hove  
Hewson, Roy P., Plymouth  
†Hill, Margaret D., Plymouth  
†Hill, Robert M., Nuneaton  
Hindley, Peter H., Ashton-under-Lyne  
Holmes, Colin D., Nottingham  
†Holmes, Margaret G., St. Margarets  
†Holt, Ruth M., Nottingham  
†Honigman, Judith L., Aldgate  
Horsford, Lynne M., Swansea  
†Hudson, Derek, Blackpool

†Hughes, Betty E., Colwyn Bay  
Hyman, Geoffrey, Leeds  
†Iles, John G., Bourne End  
Jackson, Gordon B., Wallasey  
James, Thomas A., Merthyr  
†Jarvis, Beryl T., Hertford  
†Jayne, Douglas A., Bristol  
†Jefferies, Terence M., Bristol  
†Jones, Alexander M., Leeds  
Jones, Brenda, Birkenhead  
†Kelley, Sheelagh A., Burton-on-Trent  
†Kershaw, Thomas V., Manchester  
Kirby, John, Wembley  
†Knapp, Dorinda B. L., Faringdon  
Knott, Bernard R., Downham  
†Kuriata, Kazimiera B., Hereford  
†Langer, Esther L., Bethnal Green  
Lee, Norman, Manchester  
Lester, Ivan H., Leeds  
Lewis, Colin J., Leicester  
†Lloyd, Helen M., Llandover  
Locke, Nancy E., Burton-on-Trent  
Lumley, John C., Muswell Hill  
†McGreal, Laurence A. J., Bow  
†Macklin, Jean B., Tillicoultry  
Magee, Philip J., St. Helens  
†Marsden, Pamela A., Sheffield  
†Marsh, Stanley J., Newport  
†Martindale, Margaret A., Bournemouth  
Matthews, Michael H., Westbury  
†Meakin, Brian J., Leicester  
Millar, Lawrence D., Manchester  
†Milligan, Barbara Y., Wirral  
Mills, June E., Luton  
†Mitchell, Alan G., Leicester  
Moore, Kenneth, Sheffield  
†Morgan, Beryl M., Tonyrefail  
†Nixon, Joseph R., Preston  
†Norley, Barbara H. A., Leeds  
†Norman, Charles T., Barnsley

O'Donnell, Daniel, Birkenhead  
 Palfrey, Graham J., Pershore  
 Parker, Irene, Blackburn  
 Paster, Morris L., Llanelli  
 †Petter, Derick, Douglas  
 †Pidsley, Elizabeth A., Ashford  
 †Piotrowski, Jerzy K., Brondesbury  
 †Pithouse, Joan F., Bexhill  
 †Ponting, Norma M., Cardiff  
 †Pride, Emanuel, Manchester  
 Prince, Brian J., Bromborough  
 Racey, Roy A., Wisbech  
 †Read, Jennifer A., Barnet  
 Read, John E., Sheffield  
 †Richards, John H., Leicester  
 Roberts, Griffith T., Pwllheli  
 Roberts, Joy L., Leicester  
 †Rothwell, Nancy M., Rearsby  
 †Rutter, Robert A., Manchester  
 †Salmon, David N., Hastings  
 Schofield, Jeffrey, Sowerby Bridge  
 †Scott, Margaret M., Prescot  
 Scott, Ronald F., Deal

†Scourfield, Haydn J., Llwynypia  
 Sharp, Brian W., Manchester  
 †Sharp, Joyce A., Dewsbury  
 †Sharpe, David N., Golders Green  
 Simmons, Cyril, Mile End  
 Simons, Herbert J., Whitechapel  
 †Simpson, Francis D., Carbis Bay  
 †Sindell, Kenneth H., North Wembley  
 †Sipahimalani, Jawahir L., Leicester  
 †Slim, Margaret M., Nottingham  
 †Smith, Robert L., Waltham Cross  
 †Smith, Vida A., Southsea  
 †Spink, Richard H., Kirkella  
 Spiro, Sylvia, Liverpool  
 Squair, Jean M., Sheffield  
 †Starmer, Beryl, Liverpool  
 Stevenson, Elizabeth M., Tamworth  
 Stewart, Alan F., Liverpool  
 †Stone, Shirley M., Sheffield  
 †Swain, Evelyn J., Portslade  
 †Taylor, John, Barnsley  
 Taylor, Paul L., Leeds  
 Taylor, Priscilla M., Bayswater  
 †Thatcher, Margaret, Rugby

†Thomas, Freda J., Nottingham  
 †Thompson, Allen H., Tottenham  
 Tibbles, John N. S., Leicester  
 †Tobias, Sidney, Manchester  
 †Tomlinson, Antony R., Corby  
 †Towle, Roger A. F., Derby  
 Turner, David H., Swindon  
 †Turner, Juliet R., Bexley  
 †Turner, Patricia A., Montgomery  
 Tweed, John A., Liverpool  
 †Waller, John E., Beccles  
 White, Brenda D., Birmingham  
 †White, Robert H., Dunstable  
 White, Zena P., Yelverton  
 Willey, George L., Leeds  
 Williams, Howell B., Llanelli  
 Williams, John B., Southampton  
 †Williams, Rita G., Coventry  
 Wood, Barry, Barwell  
 †Woodhead, Elizabeth S., Buxton  
 Woodward, Merle, Cardiff  
 Worth, Michael D., Bristol  
 †Yorath, Mary, Bloomsbury  
 Young, Anne E., Repton

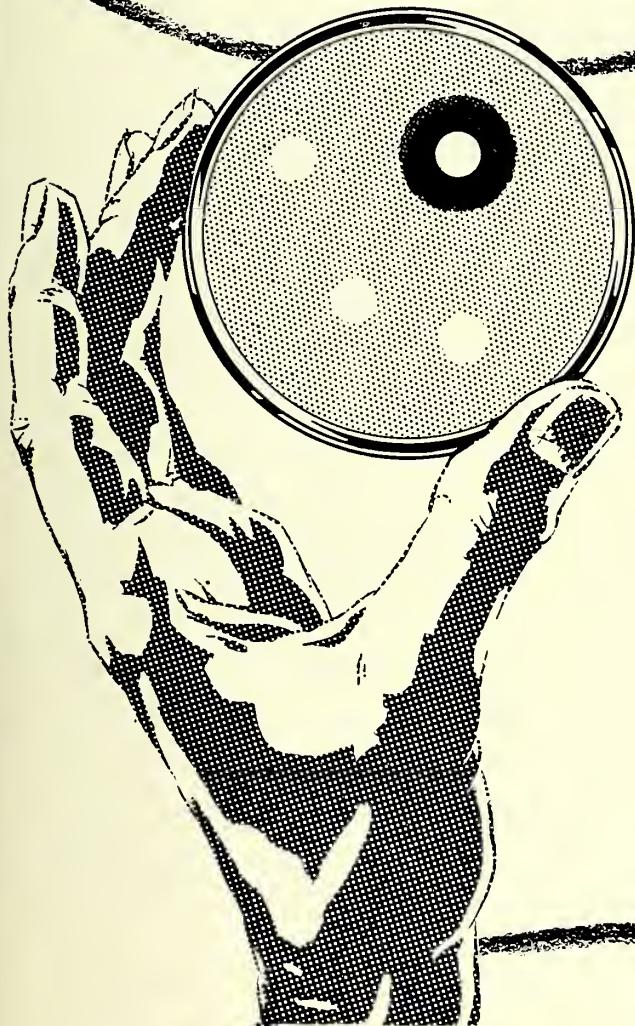
## PHARMACIES OF BRITAIN—54



### A TERRACE PHARMACY AT HOVE

In handsome late Victorian style the 4 Victoria Terrace, Kingsway, Hove, pharmacy of R. G. Mumford & Co., Ltd. continues to feature prominently its large carboys.

for today's problem pathogens



The ability of CHLOROMYCETIN\* to achieve prompt control of infection has proved of value in a wide range of conditions. The following characteristics make Chloromyeetin effective in the treatment of infections due to organisms resistant to other antibiotics:

- *It is effective against a wide range of pathogenic organisms.*
- *Oral dosage promptly produces therapeutic blood levels adequate to deal with infection due to these organisms.*
- *Appearance of new resistant strains is extremely rare.*
- *No significant or regular degree of cross-resistance with other antibiotics occurs.*

## CHLOROMYCETIN

\* Trade Mark



Parke, Davis & CO. LTD. (Inc. U.S.A.) HOUNSLOW, MIDDLESEX. Telephone Hounslow 2361  
and at Carfin Industrial Estate, Carfin, Lanarkshire. Tel.: Holytown 326/7.

438

H



# Vi-Magna\*

BRAND OF MULTIVITAMINS *Lederle*

What opportunities there are at this time of year for extra vitamin sales . . . what opportunities for introducing even more customers to VI-MAGNA CAPSULES and VI-MAGNA SYRUP. There are so many sound reasons why pharmacists can confidently recommend these leading Lederle nutritional products—

**VI-MAGNA** ensures full vitamin supplementation for all ages

**VI-MAGNA** means easy daily dosage—1 Capsule or 1 teaspoonful of the Syrup

**VI-MAGNA** Capsules are dry-filled—for rapid assimilation and no after-taste

**VI-MAGNA** Syrup contains vitamins A and D made water-soluble, is orange-flavoured and completely miscible with water, milk or fruit juices

**VI-MAGNA** Products result from Lederle leadership in medical and pharmaceutical research

## VI-MAGNA CAPSULES

Each capsule contains:

|   |    |    |    |    |             |
|---|----|----|----|----|-------------|
| Vitamin A ..  | .. | .. | .. | .. | 5,000 I.U.  |
| Vitamin D (viosterol)   | .. | .. | .. | .. | 500 I.U.    |
| Thiamine HCl (B <sub>1</sub> )  | .. | .. | .. | .. | 3 mg.       |
| Riboflavin (B <sub>2</sub> )  | .. | .. | .. | .. | 3 mg.       |
| Pyridoxine HCl (B <sub>6</sub> )  | .. | .. | .. | .. | 0.2 mg.     |
| Ascorbic acid (C)   | .. | .. | .. | .. | 75 mg.      |
| Niacinamide   | .. | .. | .. | .. | 20 mg.      |
| Calcium pantothenate  | .. | .. | .. | .. | 1 mg.       |
| Folic acid  | .. | .. | .. | .. | 1 mg.       |
| Vitamin B <sub>12</sub> (as present in concentrated extractives from streptomyces fermentation) | .. | .. | .. | .. | 1 microgram |

Bottles of 100 and 1,000

## VI-MAGNA SYRUP

Each teaspoonful (5 cc.) contains:

|   |    |    |    |    |            |
|---|----|----|----|----|------------|
| Vitamin A (palmitate) ..  | .. | .. | .. | .. | 5,000 I.U. |
| Vitamin D ..  | .. | .. | .. | .. | 500 I.U.   |
| Thiamine HCl (B <sub>1</sub> ) ..   | .. | .. | .. | .. | 3.0 mg.    |
| Riboflavin (B <sub>2</sub> ) ..   | .. | .. | .. | .. | 2.0 mg.    |
| Niacinamide ..  | .. | .. | .. | .. | 20.0 mg.   |
| Ascorbic acid (C) ..  | .. | .. | .. | .. | 75.0 mg.   |
| Calcium Pantothenate ..   | .. | .. | .. | .. | 1.0 mg.    |
| Pyridoxine HCl (B <sub>6</sub> ) ..   | .. | .. | .. | .. | 0.2 mg.    |
| Vitamin B <sub>12</sub> (as present in concentrated extractives from streptomyces fermentation) | .. | .. | .. | .. | 5.0 megm.  |

Bottles of 4 and 16 fl. oz.

\*REGD. TRADE MARK



LEDERLE LABORATORIES DIVISION  
Cyanamid PRODUCTS LTD. LONDON, W.C.2.



# The CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

ESTABLISHED 1859

Published weekly at  
28 Essex Street, Strand, London, W.C.2

TELEPHONE CENTRAL 6565

TELEGRAMS: "CHEMICUS ESTRAND, LONDON"

## Summary Dismissal: When It May Be Justified

THE employment of an assistant may be terminated by dismissal (a) with proper notice; (b) with payment of wages in lieu of notice; or (c), in special circumstances, by summary dismissal on the spot, without notice and without payment of any wages in lieu of notice.

To understand what the special circumstances are that justify resort to the third method requires some appreciation of the law of contracts, for a contract of employment is in much the same category as any other contract. It is a general principle where one party to a contract repudiates it, the other is entitled to treat the contract as being at an end.

A servant or employee repudiates his contract of employment when guilty of conduct that is incompatible with the continued existence of the contract. The master or employer may in that event, if he so desires, accept the repudiation and dismiss the servant forthwith. He is not, of course, bound to accept the repudiation and end the contract. He may forgive or condone wrongful act or conduct. If he does so he may not on a later occasion summarily dismiss his servant for it.

What sort of conduct entitles a master summarily to dismiss his servant? In a Privy Council case in 1906, the alleged grounds for dismissal were (a) disobedience of the orders of the directors of the employing company by buying goods in contravention of instructions—a ground that was not pressed; and (b) arrest in the streets on a charge of drunkenness and disorderly conduct, conduct which the employers contended was such as seriously to prejudice the business of the employee's part, whether in the nature of negligence or to the degree and kind of conduct that would entitle the employer to dismiss the employee summarily. It was pointed out that there was no fixed rule of law defining the degree of misconduct that would justify summary dismissal. The mere fact that there was some misconduct was not enough. The misconduct had to be such as was "inconsistent with the express or implied conditions of service." With drunkenness made the ground of dismissal, there was difficulty in determining the extent and conditions of intoxication that would justify dismissal. If the intoxication was habitual and gross, and directly interfered with the business of the employer or with the ability of the servant to render due service, dismissal might be justified. If the drunkenness were an isolated act, committed under circumstances of festivity and in no way connected with or

affecting the employer's business, it was not justified. The question whether any particular misconduct justifies summary dismissal thus becomes largely a question of fact.

But even an isolated act of misconduct on the employee's part, whether in the nature of negligence or of misconduct, may justify summary dismissal. In another Privy Council case in 1937, the manager of the life assurance department of an insurance company was dismissed on one month's notice for having recommended the issue of an endowment policy upon the life of a person, whom he knew the managing governor had a few days previously refused to insure. The court held that the manager was, under his contract of employment, entitled to more than one month's notice, but that the misconduct, even though it consisted of a single act, justified summary dismissal. For, as the court pointed out, a managing governor could not supervise a business if a subordinate officer chose in effect to overrule the decision of a superior, particularly in a case where the superior had special knowledge of facts unknown to his junior. Lord Maugham said in that case that the immediate dismissal of an employee is a strong measure only justifiable in exceptional circumstances for a single act of negligence or misconduct. A single outbreak of bad temper, even accompanied by regrettable language, was not sufficient ground for dismissal. "One must apply the standards of men and of angels," and remember that men are apt to show bad temper when reprimanded. Moreover, once an employee has been dismissed, his subsequent conduct is not to be regarded as constituting any substantive ground for the dismissal, or as having any direct bearing on the question whether he was rightfully dismissed or not. Such conduct would have merely an evidential bearing on the question (it might indicate, for instance, that the employer's view that the continued service of the employee had been rendered impossible by his conduct were to be accepted as correct).

### "Well Settled"

In a case in 1918, in which a company was held to have wrongfully suspended a general manager of its works pending an investigation as to his efficiency, Mr. Justice McCordie stated: "It is well settled that a master may dismiss his servant for such reasons as misconduct, substantial negligence, dishonesty, and the like. Such matters may be said to constitute such a breach of duty by the servant as to preclude the further satisfactory continuance of the relationship and to justify the master in electing to treat the contract as repudiated by the servant . . . Perhaps the modern view has been that continued good conduct by the servant is a condition, either express or implied, of the contract of services, the breach of which entitles the master to end the employment."

A general merchant with large financial interests has been held entitled to dismiss a servant summarily for gambling on the Stock Exchange. A breach of confidence in disclosing trade secrets; using information obtained in the employment to the employer's detriment; a claim to be a partner of the employer; the entry of a protest in a Minute book; insolence coupled with violence; and the taking of secret commissions, are other accepted grounds for dismissal without the usual formalities.

## Onward from Galen A CURRENT CAUSERIE

A CERTAIN nostalgia was discernible among the speakers at the annual luncheon on January 17 of the National Rose Hip Products Association—nostalgia in the first place for the urgency of the creative efforts that called the Association into being as one of the exigencies of war—and in the second for a crop of the size of the 1955 harvest. That of 1956 totalled only 300 tons—less than a third of the previous year's, mainly on account of the unfavourable weather. Facetiously, one speaker offered a hint on how to eke out that quantity so as to maintain the financial yield—a hint in which “*aqua fortis*” figured, and Sir Hugh Linstead, billed as a guest speaker, figured as a guest sonneteer (Shakespearian, not Petrarchian), with the following fourteen-liner:—

*S*UNLESS in cities, doomed to fish and chips,  
Rickets, and scurvy, agenised white bread,  
Dirt, dust, smog, sulphur, arsenic, fluorine, lead,  
Etiolated parents ope their lips  
To pray their child may have his daily hips.  
What gods give answer? Are the altars dead?  
“Never,” the Rose Hip Syrup makers said—  
Paynes, Byrne, Scott, Turner. “Never,” echoed Cripps.  
Behold aseptic maidens, white arrayed,  
Turn the vast presses, heat the steaming pans,  
Squeeze out the hippy juice in gay cascade  
Into alembics, from which cans and cans  
Of vitamin C in golden shower distils,  
Two hundred milligrams per hundred mils.

If there were no hoorays for the 1956 crop there was a hint of unsuspected health-giving constituents in rose hips in addition to vitamin C. Mr. A. R. Chamings, on whom the mantle of the late Mr. E. C. Cripps had fallen as chairman, called for a full-scale evaluation of the fruit of the dog rose to reveal what they might be. Rose-hip syrup was praised as a wholly British health product (9,000 tons of hips had been gathered in Britain, many of them by volunteer collectors since the Association was formed fifteen years ago) that now had its devotees in Singapore and Seringapatam.

★

A CHANGE of name may be prompted by many motives. Snobbery or something like it converted rat-catcher into rodent officer, and the unpleasant notoriety of a murder led to a demand for a new name for Rillington Place. Sometimes the name needs to be changed because the thing it describes is no longer the same, and that is what has led to a plea put forward in a review of progress made in the relief of leprosy for the substitution of “leprosy patient” for “leper,” and in general the words “Hansen’s disease” for the condition itself. Everyone must have sympathy for those who want to eliminate any implication that the disease is incurable, or the patient untouchable, since new drugs (especially the sulphones) have entirely changed the picture and achieved a quite remarkable improvement in the outlook for victims.

★

IDEALLY, the problem of lung cancer might, in the view of some medical investigators, be largely overcome by abolishing the use of tobacco. To bring about the abandonment of the weed, would, in this country especially, be a matter of immense difficulty but would not be insurmountable as is proved by the degree of success achieved in a parallel venture by the Thailand (Siam) Government, which has been engaged in stamping out the eating of opium, a true drug of addiction. There, the Government alone imports raw opium for selling to private owners of opium “dens.” De Quincey, were he alive, would shudder at the thought, but only registered smokers can enter the den and even the day of the registered smoker of opium

is drawing to a close. In fifteen years Thailand’s stocks of raw opium, last imported eight years ago, will be exhausted. In the meantime no new smokers are being registered. Accommodation in each den is for sixty smokers, the premises being open from 7 a.m. till midnight, a fact which indicates a more than steady clientele. Most of the addicts are Chinese, those of Thai origin coming mainly from the working class. The few upper-class Thai opium eaters smoke secretly, as the habit is considered shameful. As, of course, tobacco is not addictive in the malign opium way, perhaps the mere threat of being compelled to register would be enough to make non-smokers of us all.



PUBLICATION in these columns of some of the Gillray cartoons in the possession of the Pharmaceutical Society has prompted Mr. D. L. Savory to send in a print from the hand of the same caricaturist depicting Mrs. Billington, the Duke



*A Country Concert, and a Song Entertainment in Egypt.  
Mrs. Billington, Eliza of Pow, Savory of Bond Street.*

*Mrs. Billington, here with the Duke of Sussex during the absence of her husband, who, arriving suddenly one night at her house at Hammersmith, surprised a small party consisting of the Duke of Sussex, Mrs. Billington, Savory of Bond Street and another. Her husband, therefore, carried her off to Italy where it is suspected she met with an unfair death.*

*To my good friend Thomas Field Savory  
by the Wright Esq. and R. H. Evans Esq.*

of Sussex (one of the sons of George III) and Savory of Bond Street. On the back of the print is the legend copied out in copperplate handwriting on the mount of the cartoon as framed (and as photographed). It reads: “Mrs. Billington lived with the Duke of Sussex during the absence of her husband, who, arriving suddenly one night at her house in Hammersmith, surprised a small party consisting of the Duke of Sussex, Mrs. Billington, Savory of Bond Street and another. Her husband, therefore, carried her off to Italy, where it is suspected she met with an unfair death.” Although, in the picture, Savory seems to be only precariously a performer in the “Country Concert” he must have been more than a casual member of the musical quartet, because a prayer-book in the possession of the Savory family is inscribed: “To my good friend Thomas Field Savory from Eliza Billington.”



A REVOLUTION in dispensing is foreshadowed in a new “automation-type” system which has reached Britain from, of course, America. A firm of Stockport engineers recently gave a demonstration of the system, which is known as the Select-O-Weigh. Apparently a card, correctly punched, is the only item needed for one of the firm’s machines automatically to weigh and run together in correct quantities and proportion some required mixture. After use, the card

may be used by mechanical accounting machines to cost the product. Apparently many firms in America, including some which are manufacturing pharmaceutical products, are using the system. The equipment used is not standardised, but is designed and built to conform to the needs of particular manufacturers. In the Stockport demonstration an electric typewriter had been linked to the equipment and, by means of a decoder attached to it, each weighing typed out as soon as the action had been completed. Once the apparatus was

started no operator was required, and yet a permanent record was provided of what happened. The possibilities of such a machine are easily visualised. It could, say, be used by the technicians of future dispensaries in health centres to compound vast quantities of medicaments. Other models could be adjusted to be operated by remote control from the doctor's surgery so that, in time, even the technician would become redundant. The harassed housewife could just put a card into the machine for a first-class dinner, etc.

## LETTER TO A YOUNG GRADUATE

Nowadays many university students take a degree in pharmacy without going on to become members of the Pharmaceutical Society. This letter, from the same pen as "Letter to a Young Pharmacist" (*C. & D.*, December 22, 1956, p. 687) is addressed to them.

MY DEAR YOUNG GRADUATE,

You were a proud young man yesterday when you attended the graduation ceremony and received the reward for your years of study. You had every justification for a feeling of pride and satisfaction, for your appearance on the platform was proof that you had "made the grade."

What I want to discuss with you is your future. For you are, you know, in a rather specialised position. You have been attracted by the ancient craft of pharmacy, just as was young Galen, to whom I wrote my previous letter. Two paths were open to you. He took that which led to his holding the diploma of the Pharmaceutical Society. You chose the road which ends in my being privileged to address you as "B.Pharm."

As a practising pharmacist, I have never quite known that moment of glory which you experienced yesterday. My certificate expresses the somewhat lukewarm satisfaction of my examiners that I, at the time they examined me, possessed "sufficient skill and knowledge to be registered as a Chemist and Druggist." There was no ceremony. Since that now far-off day I have watched the direction pharmacy has taken—the establishment of degree courses in some of our universities, and the ever-increasing number of young people choosing, as you did, to enter pharmacy by that door.

You were led to follow the course leading to a degree, I assume, after you had made some inquiry about your prospects. I hope that you were made aware that you had a choice between the degree and the diploma. It may be that you were influenced by the absorbing thought of engaging in research work as part of the scientific organisation which fights disease in the laboratory. If so, then you have made a good start, and are well equipped for the work that lies ahead of you in the world of modern medicine.

But here I want to offer a little advice. Do not allow yourself to imagine that young Galen, Ph.C., is vastly your inferior. He has studied for three years at a technical college, where he has learned a great deal of the science and the art of pharmacy. You will find him a knowledgeable fellow with a grasp of pharmacy as it is practised in manufacturing, in hospital, or in what—for want of a better name—is generally referred to as "retail" pharmacy. Cultivate his acquaintance. You have much to give each other. You are both, in fact, modern counterparts of old Galen. Chemicals and drugs are to be your world and your life.

Don't allow the different route you have followed to act as barrier between yourself and young Galen and his friends. You may meet him in the laboratories in which you find your own employment. The organisation of which he is a member is now 115 years old. He is recognised as holding statutory qualification, and his name is on a register. He is at his back a powerful organisation, and you will see, have no doubt, that he is in a strong position because of the recognition he has gained through a Royal Charter.

Those privileges, now regarded as his birthright, are not ours—yet. But you could make them so, and I would

strongly advise you to think seriously about acquiring them. To do so demands building a little on to what you have already done.

You know (or do you?) that the Pharmaceutical Society is charged with certain statutory obligations relating to the keeping open of a shop and to the sale of poisons. You will appreciate that the selling of poisons is a responsible job that can be entrusted only to those who are aware of what they are handling, and who know the restrictions and the laws relating to their sale. The Pharmaceutical Society is also entrusted with seeing that all who "keep open shop" (which means all who practise pharmacy in direct contact with the public) are registered pharmacists. I suspect, as I have already hinted, that it is your intention to perform the marvels of research in a laboratory, but you will be missing something if you do not belong to your organisation—or what can so easily become your organisation.

The Pharmaceutical Society asks you to sit an examination in forensic pharmacy. It is entitled to do so and in fact has a public responsibility to safeguard the public interest in that way. The only other condition imposed, apart from paying a fee, is that you put in a short period of training under a registered pharmacist. I want you to consider doing so. I recommend you to share that short training between a hospital and a "retail" pharmacy because it will complete your experience. It will ensure that, when you take yourself to your laboratory, you are conscious of where your work goes and what is done with it.

One final word. I fancy you are ambitious. You want to get on. Perhaps, not having interested yourself particularly in poisons law, you have not studied the Poisons Rules. If not, you should look at Rule 30, which says: "In all establishments in which pharmaceutical preparations containing any poison are manufactured for the purpose of the internal treatment of human ailments, the preparation must be manufactured by, or under the supervision of, a registered pharmacist or a person having one of the following qualifications in chemistry;

- (a) The Fellowship of the Royal Institute of Chemistry.
- (b) The Associateship of the Royal Institute of Chemistry."

That clause acknowledges the responsible and mature status of the pharmacist before the law, and is the reason why we members of the Pharmaceutical Society want you among us—so that there is no weak link in the legal competence and organisational unity of those who call chemists pharmacists—you at present loosely; members of the Pharmaceutical Society by statutory right. When set against that solidarity, the fee you must pay for the privilege—and which may at the moment seem large—shows itself just, reasonable and, indeed, rewarding.

I shall look forward to seeing you at a branch meeting when you have become "the compleat pharmacist."

# A BARBICAN DRUGGIST OF THE EARLY 1800's

## Sidelights from surviving records

LAURENCE DOPSON

THROUGH a small collection of old papers now deposited at the Record Office in London's County Hall, it is possible to follow through his schooldays and apprenticeship the career of John Arnold, a partner in J. & J. Arnold, Druggists, 59 Barbican, London.

The papers of the Arnold family were donated recently by Mrs. Norah Whitchurch, widow of John Arnold Whitchurch, Great Barford, nr. Bedford. The earliest are two

|  |                     |
|--|---------------------|
| April 5, 1802 to Apr. 5, 1803            | John Arnold a Years |
| Education                                | 14 7/8              |
| June 13 - Copy Books                     | 0 6/8               |
| July 29 - Knuckles, Buttons etc          | 1 6                 |
| Sept. 6 Cedar Pencil                     | 0 6                 |
| Nov. 13 Spelling Book Two Copy Books 1/2 | 1 5/8               |
| Sept. 1 - Copy Book 3/4, Fennel          | 1 8                 |
| Pens & Ink 1/2 Penister                  | 3 1/2               |

Part of a bill for the education of John Arnold, later one of the partners in J. & J. Arnold, Ltd., druggists.

bills for the education of John and his brother, both of whom were destined to become chemists. The cost of nine months' education for one of them (Pickard) was 18s.; for a quarter's education "in higher branches" the fee was 10s. 6d. He had copy books costing sixpence each on July 8 and July 30, and one costing 6½d. on September 14. A year's education for John cost his father £1 4s. He, too, had sixpenny copy books, and a spelling book that cost one shilling. By 1803, John had progressed to a copy of Marshal's Arithmetic and a cedar pencil (sixpence).

By the time when John was completing his education with Marshal's Arithmetic, Pickard was already being apprenticed.

"This Indenture witnesseth that Samuel Pickard Arnold one of the Sons of Christopher Arnold of Whissendine in the County of Rutland Maltster and Miller of his own free will and consent and with the approbation of the said Christopher Arnold his Father doth put himself Apprentice to Henry Wade Bickley of Leicester in the County of Leicester Druggist and Grocer to learn his Art and with him (after the Manner of an Apprentice) to serve from the third day of August last past during and unto the full End and Term of seven Years."

So runs the first of the two deeds of apprenticeship in the collection; it is dated March 21, 1802. In the manner of the time, Pickard was not to waste the goods of his master nor lend them unlawfully. He was not to haunt taverns or playhouses. He was faithfully to serve his master, his secrets keep, his lawful commands everywhere gladly do. "He shall not commit Fornication nor contract Matrimony."

"And the said Henry Wade Bickley for the considerations aforesaid and also in consideration of Sixty-three pounds of lawful British Money to him in Hand now paid by the said Christopher Arnold the Receipt whereof is hereby acknowledged his said Apprentice in the Art of a Druggist and Grocer which he useth by the best means that he can shall teach and instruct,

or cause to be taught and instructed finding unto the said Apprentice sufficient Meat Drink Lodging and all other necessaries during the said Term, except wearing Apparel of all Sorts and washing which the said Christopher Arnold for himself his Executors and Admors doth hereby covenant and agree with the said Henry Wade Bickley to provide allow and do for the said apprentice during the said term."

At the end of the legal document are the signatures, and there is an endorsement: "Rec'd 5th April 1802 Three Pounds Three Shillings for His Majesty's Duty."

Two years later another apprenticeship bond binds John Arnold to Thomas King "of Leicester in the County of Leicester, Druggist and Grocer, from the fourteenth day of September last past for the period of seven years in consideration of £40 of lawful money of Great Britain." The signature of John Arnold is in a more mature hand than that in which his brother wrote when he became apprenticed, and that of John's master in the art of a druggist and grocer is very flashy and ornate.

When the next document gives a startling turn to the story, John is Mr. J. Arnold "of London." He has a gold watch (of French make) in his waistcoat, and on its chain are two gold seals, one bearing his initials, J.A. On his arm he carries a brown silk umbrella in a green case. The date is September 1819. He is walking along the Bath road, towards Bristol, "near Dr. Fox's, on the Brislington side," on a Friday night, when a man about 5 ft. 9 in. in height, and aged around thirty, demands his money, "somewhat in the Irish accent." The molester inflicted a severe wound on John's temple with a stick "having a large Nob at the End, and newly peeled."

The road from fashionable Bath to Bristol, though newly surfaced by John Macadam, was lonely then, and no one came to help the pharmacist as he grappled with his attacker.

For ten minutes or more the two men struggled. Then John, blinded and weak from the blood streaming from his head wound, had to yield his watch, his seals and his umbrella, and the thief made off into the night.

Mr. Arnold did not allow matters to rest. He had a notice printed, offering twenty guineas' reward. The advertisement is reproduced on this page. It reads: "Any person giving Information, whereby the same may be apprehended, shall upon Conviction, receive the above Reward

## HIGHWAY ROBBERY. 20 Guineas REWARD,

Over and above what is allowed by Act of Parliament.

On Friday Night last, Mr. J. ARNOLD, of London, was attacked by a Footpad on the Bath Road, leading to Bristol, near Dr. Fox's, on the Brislington Side.

The Mud demanded Mr. A.'s Money, and with a Stick having a large Nob at the End, and newly peeled. Mr. A. contended with him for upwards of ten minutes, but from loss of blood, and exhaustion, he was compelled to relinquish his GOLD WATCH, of French Make, having the name of Wm. GILL, engraved on the outside Case, with two GOLD SEALS and a KEY, on one of the Seals is engraved the initials, J. A. He also took from him a brown Silk Umbrella, in a green Case.

The Robber appeared about 30 Years of Age, 5 feet 9 inches in height, speaks somewhat in the Irish Accent. From the blows that were given and received in the scuffle, the Clothes of the Robber must have received a considerable quantity of Blood. Any Person giving Information whereby the same may be apprehended, shall upon Conviction, receive the above Reward of Twenty J. and J. Arnold, Druggists, No. 59, Barbican, London.

N. B. If a Watch of the above Description should be offered for Sale in Town, please to stop it and the Druggist, and give immediate Notice to Messrs. Arnold as above, or to the Plaintiff herein.

September, 28, 1819.

W. Young, Printer, Cornhill, London.

Arnold seeks to identify his attacker.

of Messrs. J. and J. Arnold, Druggists, No. 59, Barbican, London," adding: "From the blows that were given and received in the scuffle, the Clothes of the Robber must have received a considerable quantity of Blood." There is no record that the footpad was captured.

Other documents are in ironic contrast to what is known of John Arnold as a practising chemist and druggist. One sets out the rules and regulations to be observed by the girls belonging to the school of the New Gravel Pit Chapel, Hackney. Any girl guilty of falsehood "or using bad words" was to be punished or reproved. "Want of respect and civility to the Mistress, or of kindness to Schoolfellows, will be entered in the book, and thus be brought before the Committee."

Another document—much worn and tattered, crudely printed on green paper—is entitled *The Aged Father's Blessing, or a Catalogue of Divine Lessons*. There were five

lessons. "The sin of Covetousness explained." "Against False Swearing." "A Caveat against False Swearing." "The Sin of Sabbath-Breaking sharply proved." "Lastly, a Poem of seasonable Advice to Children, in Points of Duty and Obedience to the Parents."

Evidently a religious man, he was no less evidently prosperous, holidaying in spas and having gold watches and seals and that "brown silk umbrella in a green case." But it is, alas, necessary to add that the censors of the Royal College of Physicians said of his shop in their visitation reports for 1815 (see *C. & D.*, June 25, 1955, p. 718) that "J. & J. Arnold, 59 Barbican," was a bad shop and recommended to the notice of succeeding censors. In July 1816 the shop, described as "Arnold's," was noted as "not a good shop." By June 1819 it had become "a moderate shop," but it never improved beyond that, the final reference (June 1821) again describing it as "a moderate shop."

## MEDICAL ABSTRACTS

### INFECTIOUS DIARRHOEA IN INFANTS

CLINICAL trials in the Children's Hospital, Birmingham, have confirmed previous reports about the efficacy of neomycin in the treatment and prevention of infantile gastro-enteritis (*Lancet*, 1956, 2, 599). The bacteria isolated at Birmingham from infected babies proved insensitive to various antibiotics and sulphonamides. Tests conducted by Dr. K. B. Rogers and others established that "neomycin was the only antibiotic that was likely to be of value." Altogether, 101 infants were treated with the antibiotic. All the babies became clinically well in an average of two days and there was very little difference between the time of recovery of the mild and severe cases of enteritis. No toxic effects were observed. In 18 per cent. of the cases there was a bacteriological, and in one single case a clinical, relapse. However, in all instances a second course of treatment was successful.

### TOXICITY OF GLUTETHIMIDE

NORMALLY, therapeutic doses of glutethimide (Doriden) have no side-effects. The drug is well tolerated and is considered a safe hypnotic. Only in a few cases have skin rashes, presumably to be attributed to idiosyncrasy, been observed during treatment. The average lethal dose of glutethimide orally in dogs is 500 mgm. per kilo body weight; death usually occurs after one to two days, and is associated with respiratory and circulatory failure. Gerster, Schofer, and Jügel (*Schweiz. med. Wschr.*, 1955, 85, 991) report an attempt at suicide with a massive dose of glutethimide. The patient, a soldier aged twenty, swallowed 15 gm. (sixty tablets), and developed a fever of central origin, mild changes of the electrocardiogram picture, and total respiratory failure. His life was saved by artificial respiration and intravenous injections of picrotoxin.

The effects on a patient of a 5-gm. dose of glutethimide (Doriden) have been described by Eidelman (*Missouri Med.*, 1956, 53, 194). The patient was comatose for thirty-six hours, with an increased pulse rate, and rapid, shallow breathing. tonic spasms of the muscles occurred, with occasional convulsions. Apart from several sudden drops in blood-pressure, which could be counteracted by injecting mephenterine, blood-pressure was normal, and no alterations in blood electrolytes or cerebrospinal fluid were detected. Parenteral fluids were given, together with intranasal oxygen inhalations, and recovery was complete.

### INFANT UMBILICAL HERNIA

In England the frequency of the infantile type of umbilical hernia is about 1:6, states J. C. Haworth (*British Medical Journal*, 1956, 2, 1286), and in America 40 per cent. of negro babies are affected. A clinical trial was conducted over a period of two-and-a-half years to determine whether the application of adhesive strapping to umbilical hernias affected the natural rate of cure. Only babies less than twelve months of age when they were first seen were accepted for the trial and babies whose hernias had previously been kept efficiently reduced were excluded. In that respect elastic adhesive plasters and "pennies and binders" were not considered efficient methods of reduction. Alter-

native cases were strapped and the others, who were not treated in any way, served as controls. The method of strapping used two pieces of 2-in. non-elastic plaster threading a tongue cut in one through a hole cut in the other. The skin was first painted with tincture of benzoin to increase adhesion, and the plasters were applied so that there was a gap between them at the back. An assistant reduced the hernia by pinching the skin into a vertical fold over the hernia and the plasters were then pulled tight. A strip of 3-in. plaster was then applied on top of the 2-in. plaster. All cases were strapped for four weeks, although the plasters were changed after two weeks, the reduction of the hernia being maintained while that was done. After four weeks the strapping was removed, but if the hernia was still appreciable in size the strapping was reapplied for a further two weeks and occasionally for a further two weeks after that. It was found that, while nearly all untreated umbilical hernias had resolved by twelve months of age if the protrusion was small, if the protrusion was more than  $\frac{1}{4}$  in., strapping greatly increased the cure rate. Strapping of big hernias before the baby was six months old was advocated.

### THYROID AS HEART DISEASE PROPHYLACTIC

THE use of dried thyroid to produce and maintain depression of the levels of cholesterol and lipoproteins in the serum is reported by Strisower and others (*Lancet*, 1957, 1, 120). Dried thyroid was administered to sixty patients at a rate of 195 mgm. daily for thirty weeks, followed by 260 mgm. daily for thirty-nine weeks and 325 mgm. daily for thirty-six weeks. Thirty-nine patients completed the course. An "escape" phenomenon, expressed as a rise in lipoprotein and cholesterol levels in spite of the continued administration of thyroid 195 mgm. daily is attributed by the authors to diminished production of endogenous thyroid hormone. The periods of administration of 260 mgm. and 325 mgm. of thyroid showed no "escape" phenomenon. The rebound of levels to values above the initial values on cessation of thyroid treatment provided further evidence of diminished production of endogenous thyroid hormone. The higher the initial level of lipoproteins the greater was the fall in that level under treatment. It is suggested that dried thyroid is worthy of consideration as a prophylactic agent against coronary heart-disease.

Oliver and Boyd (*ibid*, 1957, 1, 124) report on the use of triiodothyroacetic acid to depress plasma cholesterol. The authors point out that, in general, thyroid derivatives are not suitable for administration to patients with coronary disease because they may increase metabolic requirements enough to provoke angina and to reduce exercise tolerance, but a derivative which decreases the plasma-cholesterol without apparently increasing metabolic requirements has obvious potentialities. It was found that in euthyroid hypercholesterolaemic men with coronary disease triiodothyroacetic acid lowered the plasma-cholesterol and cholesterol-phospholipid ratio and the  $\beta$ -lipoprotein-cholesterol without raising the basal metabolic rate. After a course of the drug two out of twelve men developed angina of effort and their exercise tolerance was decreased even though their basal metabolic rates were not raised.

# NEW FILMS AND FILMSTRIPS

## The Ruthless One

*Shell Film Unit*, London, 35-mm. and 16-mm. 18 minutes. Eastmancolour. Available in the United Kingdom from the Petroleum Films Bureau, 29 New Bond Street, London, W.1.

THE life-cycle of the desert locust is shown in some detail; starting with the adult in its natural environment the cycle is traced through mating, egg laying, the development of the young "hopper" and the winged adult. The film shows some of the counter measures taken against both marching hoppers and flying swarms of adults; how information is mapped and analysed and probable movements forecast so that the swarms of hoppers and adults can be effectively destroyed. The film also illustrates research work on the insect itself in the laboratory, in the wind tunnel and in the field.

## Endocrine Glands

*ENCYCLOPÆDIA BRITANNICA FILMS*. *Gaumont British Film Library*, Aintree Road, Perivale, Middlesex. Running time eleven minutes. 16-mm. Black and white.

THE film, made in the United States, describes the structure and demonstrates the functions of the various glands of internal secretion. It begins with a description of the pituitary, showing it to consist of an anterior and a posterior portions. Animated diagrams illustrate the physiology of the anterior and posterior lobes, and experiments demonstrate how the gland exercises control over growth and over other glands; how parathyroid glands partially control calcium in the blood; and how insulin from the pancreas controls the metabolism of sugar in the body. The film ends by illustrating how the thyroids affect respiration and how hormones stimulate growth of mammary glands. The soundtrack has been replaced to suit English audiences by the G.B. organisation, who also publish a 12-page teaching handbook to go with the film.

## Technique of Intramuscular Injection

*Benger Laboratories, Ltd.*, Holmes Chapel, Ches. 24 frames, with commentary.

OBSERVATIONS during two years showed that intramuscular injection technique, especially among nurses, was sometimes faulty. The company's representatives have visited or seen the doctors and nurses involved and have advised on injection technique, and wherever the recommended technique has been followed skin staining with the intramuscular iron preparation Imferon has rarely recurred. Imferon as a "tracer" injection is considered a good test of injection technique, as colourless solutions can be injected incorrectly without any obvious sign that the injection has not been made intramuscularly. In the film strip has been incorporated as much as possible of the advice the makers have been given on the subject, with the result that the strip is acceptable teaching material in most countries. A copy is available free to any sister tutor or other member of the medical or nursing professions who can make use of it. The recorded commentaries are limited.

## Heart Disease: Its Major Causes

*ENCYCLOPÆDIA BRITANNICA FILMS*. Available on hire in United Kingdom only from *Gaumont British Film Library*, 1 Aintree Road, Perivale, Greenford, Middlesex. Running time ten minutes. 16-mm. Black and white.

THE film begins with x-ray photographs of the human heart in action, followed by a brief review of the work of the heart in circulating blood through the veins and arteries. Animated diagrams explain the way in which high blood pressure is caused by chronic contraction of the arterioles. Other diagrams show how arterial walls may harden and how deposits of fat are built up within the arteries, roughening them and narrowing the passages, a "heart attack" resulting when a portion of the coronary artery is clogged by a blood clot. The film next illustrates the effect of rheumatic fever on the valves of the heart, and ends by describing the important contribution of antibiotics, hormones and other drugs in the treatment of heart disease, as well as some of the recent advances in surgical techniques. Dialogue

for English audiences has been substituted for the original American and a 14-page teaching handbook is available.

## Thought for Food

*Glaxo Laboratories, Ltd.*, Greenford, Middlesex. Running time fifteen minutes. 16-mm. Colour with sound.

FILMED in 1956 at the company's Greenford factory and at certain London hospitals, *Thought for Food*, deals with the region of overlap between nutrition and therapy and traces the evolution of the company's "complete" food Complan. The problem of providing a complete food capable of easy mixing for tube feeds, palatable for giving as a cup feed, and able to be kept in store, was considered by a Glaxo research team. They sought information on medical needs from a number of hospitals, including those at which gastric patients, burn, neurosurgical and mental cases, the elderly, etc., presented special difficulties. A milk protein powder provided the protein. To that were added fat and sugar. The final formula contained nearly forty items. Problems of miscibility, incompatibility between ingredients, blending, palatability and stability on storage were solved in turn. The film shows the product being administered by tube feeding in a London hospital and wider uses in hospital and home.

## Defence Against Poliomyelitis

The manufacture and testing of Poliomyelitis vaccine. *Glaxo Laboratories, Ltd.*, Greenford, Middlesex. Running time twelve minutes. 16-mm. Colour with sound.

FILMED in 1956 at the Sefton Park and Greenford locations of the company with additional scenes from London hospitals and clinics, the story covers the company's development and production of Britain's first Salk-type poliomyelitis vaccine (a special virus-research unit was set up at Sefton Park, Bucks, in 1954). The Glaxo vaccine is a formalin-killed preparation immunising against the three types of virus, each of which can cause paralytic or non-paralytic disease. The film shows the minute particles of poliomyelitis virus (type II) as seen with the electron microscope and passes to a survey of the manufacturing process. It demonstrates many of the unusual safety measures taken (glassware is washed in demineralised water, etc.). Monkey kidney tissue used as a substrate for virus growth is minced and grown on a synthetic medium containing sixty-three ingredients, including inorganic salts, amino acids, vitamins, purines, pyrimidines, etc. Added penicillin and streptomycin almost entirely disappear during the process. Minced kidney tissue is added and incubated during continuous rocking. Tissue growth established, the suspension is inoculated with virus, each of the three types being grown independently. The multiplying virus disintegrates the tissue cells (demonstrated by animated diagrams). After a series of filtrations, the live virus fluid is inactivated by formalin, the rate of inactivation being determined by tests on samples. The inactivated fluid is transferred to a distant building to avoid risk of contamination and equal batches of the three types of inactivated fluid blended. The trivalent vaccine undergoes safety tests. Bulk containers of the trivalent vaccine are taken to refrigerator storage at Greenford, packed in ampoules or vials, and issued under the name Polivirin. Before its release, the tests are repeated on samples sent to the National Institute for Medical Research.

**FILMS ON ATOMIC ENERGY AND AUTOMATION:** The October 1956 issue of *Scientific Film Review*, published by the Scientific Film Association, contained details of 145 films on atomic energy and related subjects—the first comprehensive list of its kind. The information was arranged alphabetically by film title. A subject index included the categories Application of radioactive isotopes in biology, chemistry, industry, etc.; equipment and apparatus natural resources; occupational safety; research centres etc. Copies of the issue (Vol. 2, No. 4, October 1956) are available from the Association, 164 Shaftesbury Avenue, London, W.C.2, price 3s. 6d. each. The December 1956 issue of the *Review* contains details of eighty films on various aspects of automation, again the first list of its kind. Copies, price 3s. 9d. each, post free, are obtainable from the Association.

## HOSPITAL PHARMACY FORUM

# DRUG CUPBOARDS

IT is now over twelve months since the Minister of Health set up a working party to report on the care and custody of drugs in hospitals, and the working party's report is awaited with considerable interest. The present poisons laws were, so far as they affected the hospitals, deliberately framed as loosely as possible because it was assumed that there would be at each hospital an internal system of control that would adequately cover details that could not very easily be written into the regulations. Also, at the time, hospitals were governed by many different authorities, and varied widely in their complexity and degree of organisation.

Since the inception of the National Health Service it has become possible, and probably desirable, to re-examine that situation and attempt to lay down some general principles and even minimum requirements for all hospitals regulating the way poisons should be stored on the wards and what records should be kept of their administration.

The hospital pharmacist has a particular interest in this matter for he is required to visit all places in the hospital where poisons are kept, in order to see that satisfactory conditions are provided. The precise nature of the pharmacist's duty in this respect has never been defined. Is he to report his visit to the secretary, or to the matron, or to the Home Office? What power has he to insist on having his recommendations adopted? What happens if faults he has revealed go unremedied? Those are matters on which some clarification would be appreciated.

Over the past year or two, a new and growing influence has been exercised which requires careful observation. The General Nursing Council has the power and indeed the duty to inspect all hospitals where student nurses are trained in order to ensure that the conditions of training are adequate. Where they are found to be grossly inefficient, it is possible to withhold recognition of the school and that

would effectively close the hospital. Hence the reports of the inspectors of the G.N.C. are not to be treated lightly.

It appears that in recent months the inspectors have been paying great attention to the ward poison cupboards, and their reports include many references to details. That interest in the care and custody of drugs is to be welcomed provided the inspectors are accurately informed about the provisions of the law and do not attempt to lay down too rigid a requirement.

A disturbing feature of these visits, however, is that they appear to be taking place without the knowledge of the pharmacist. Since he is the officer of the hospital responsible for the oversight of drug cupboards, it would appear to be a matter where courtesy alone would demand that he should be informed in advance of the visit of the inspectors, and that any observations they may have to make should be discussed with him before appearing in a report that goes to his employing authority.

No doubt the G.N.C. is in this matter concerned solely to ensure that student nurses are trained in the dangers arising from mishandling of drugs and the precautions necessary to avoid accidents. It may not have occurred to them that their reports had wider implications. Whatever the truth of the matter, it is surely time it were dealt with at the level of the governing bodies of the pharmaceutical and nursing professions.

So far as the pharmacist is concerned, the storage of poisons is one of the matters on which he alone is the hospital's expert. The chance of accidents and errors is probably greater in hospital than anywhere else, and when accidents do happen the results are often disastrous. The pharmacist is the main safeguarding officer against such eventualities, and he should use every opportunity to ensure that the conditions on the wards and in the departments are as safe as he can make them.

## Correspondence

*Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.*

### An End to Extended Credit!

SIR.—The abnormal number of costly "ethicals" which go through the wholesalers make it imperative that extended credit should not be given in the drug trade any longer. It is up to the Association of British Pharmaceutical Industry to see that all extended credit ends by March 30. We must not live in fool's paradise any longer.

WHOLESALE, NOT MONEYLENDER

### Petrol Shortage

SIR.—The petrol shortage—long may it continue! For six glorious weeks I have had peace to get on with my dispensing, give personal attention to customers and bring my script pricing up to date. Never before have I been so well organised, despite the one shilling per item levy. All this I have achieved in the time normally devoted to seeing, or getting rid of manufacturers' representatives.

Fife

RETAILER

### Black Sheep

SIR.—Your leader on "Lush Pickings" states that "Mr. Chapman Pincher's outburst in no way benefits British manufacturers." Those engaged in pharmacy must, however, agree that he

had good cause for his outburst in so far as it relates to the high cost of some foreign-owned proprietaries. We have recently seen the emergence of two new antibiotic preparations at a trade price of 213s. and 240s. respectively for 100 tablets. Can it be seriously suggested that 100 tablets retailing at £18 would have a worth-while sale on this market were it not for the National Health Service? The increasing cost of this Service is constantly being stated in the Press as being largely due to the cost of drugs, particularly specialities; doubtless the public thinks the pharmacist, as well as the manufacturer, is making a good thing out of them. In fact the products responsible are a fairly small proportion of specialities—most of them owned by overseas firms—which are abnormally high in cost. It can readily be seen that the free prescribing of tablets such as those instanced will result in another increase in the cost of drugs. For this the manufacturers as a whole will again receive the blame. Therefore, whilst Mr. Pincher's article may not benefit British manufacturers, it is equally certain that they will also not benefit from further complaints about the high cost of drugs and medicines.

M.P.S.

### A Successful Dance

SIR.—On behalf of the Dance Committee of the West of Ireland Chemists' Association and the Westmeath Pharmaceutical Federation I wish to express my sincere thanks and appreciation for your publicity efforts in connection with our dance. It was successful in every way. I would be grateful if you could publish the enclosed list of firms and individuals who helped us with contributions.

Athlone, SEAMUS FOX, M.P.S.I.  
Eire Joint Honorary Secretary

Messrs. C. Flanagan, M.P.S.I., Headford (chairman, West of Ireland Chemists); T. A. Dolan, M.P.S.I., Moate; and J. O'Brien, M.P.S.I., Athlone; Miss Casserly, M.P.S.I., Ahascragh; Dr. J. Fitzgerald, Mullingar; United Drug & Chemical Co., Ltd.; Sero Vaccine, Ltd.; Rice, Steele & Co., Ltd.; Roche Products, Ltd.; E. R. Squibb & Son; May, Roberts & Co (Ireland), Ltd.; Galway Drug Co.; T. L. Egan & Co.; Chas. H. Phillips; The British Drug Houses, Ltd.; I. P. L., Ltd.; Aspro, Ltd.; Crystal Products, Ltd.; Antigen, Ltd., Roscrea; Wigglesworth; Abbott Laboratories.

The following donated spot prizes: T. P. Whelehan & Son; Colgate-Palmolive, Ltd.; R. G. Boys; Rexall, Ltd.; Inoxa; Kodak, Ltd.; H. Rubenstein, Ltd.; I.C.I. (Ireland), Ltd.; Argus, Ltd.; F. W. Hampshire & Co., Ltd.; and V. E. Hanna.

# PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

## Monthly meeting of Council

THE president (Mr. C. A. Quinn) was in the chair at the monthly meeting of the Council of the Pharmaceutical Society of Northern Ireland, held in Belfast on January 18. Present were Dr. R. G. R. Bacon, Messrs. W. C. Tate (vice-president), H. G. Campbell, C. E. Moss, W. J. Thornton, J. Kerr, W. H. Boyd, J.P., J. McGregor, F. R. Moore, G. E. McIlhagger, A. Templeton, P. R. W. Shinner, W. S. Hall, H. W. Gamble, O.B.E., H. Gibson, O.B.E., and the secretary (Mr. William Gorman). Apologies for absence were received from Messrs. S. E. Campbell, W. P. Ewart, J.P., H. F. Moore, J. Caldwell, J. Irwin and Professor E. B. C. Mayrs.

The minutes of the December meeting were approved on the motion of MR. J. McGREGOR, seconded by MR. SHINNER. The Council agreed, on the motion of MR. MCILHAGGER, seconded by MR. BOYD, to restore to the Register the names of Stanley J. Johnston and Hugh Eakin, both of Canada, and Anne Bullock, Travancore, India, all with effect from January 17. The Council also agreed to a request from the secretary of the Ulster Chemists' Association for the use of the Society's rooms on March 13 for a whisky drive in aid of the Northern Ireland Chemists' Benevolent Fund. Mr. GORMAN reported that he had received a letter from Mr. A. J. Dougan (secretary, British Dental Association Northern Ireland General Dental Services Committee) thanking the Council for the use of rooms and enclosing a cheque for £21 towards the Benevolent Fund. A cheque for £15 15s. was also received from Dr. Hunter (treasurer, College of General Practitioners, Northern Ireland Faculty) and on the motion of MR. H. G. CAMPBELL, seconded by MR. MOSS, it was agreed that it should be donated to the Benevolent Fund.

### Rateable Value of Premises

Reporting on the general revaluation of all property which had taken place in Northern Ireland on January 1, Mr. GORMAN told the Council that the Society's premises had had a valuation of £86 and that that had been increased to £200. MR. McGREGOR suggested that the Council should take steps to appeal against the increase. MR. MCILHAGGER said that no profits were derived from the premises and as they were mostly used for educational purposes he felt they could not be classed as business premises. The Council agreed to refer the matter to the Society's solicitor. Three quotations were received for the redecoration of several of the Society's rooms. The scheme had been recommended by the House Committee and approved at the December meeting. It was agreed to refer the quotations to the House Committee for decision.

Commenting on the annual report of the Benevolent Fund, which was tabled at the meeting, MR. GORMAN told the Council that the president's appeal for 1956-57 had realised £389, despite the fact that the retention fees had been increased from £1 1s. to £2 2s. MR. QUINN said that members were realising more than ever the excellent work which was being done by the Fund and were showing their appreciation. One feature was the fact that subscriptions to the Fund were more universal and not just coming from a few members. MR. H. G. CAMPBELL suggested that wider publicity should be given to members on how help could be obtained from the Fund. In some of the country areas few members seemed to be aware of the procedure that should be followed. MR. QUINN replied that that was a matter which had been considered by the Fund Committee some time ago and the secretary had written to the various local secretaries informing them of the work which was being undertaken and asking secretaries to inform him of cases in which they thought assistance might be necessary.

MR. CAMPBELL suggested that the same procedure might be repeated again and said that at the same time it should be remembered that many pharmacists were not members of local associations. MR. BOYD thought it would be better to inform members of the different functions of the Fund when the president's appeal was being made again. He thought there would be no harm in indicating, at the same time, the types of cases being helped and giving details of how applications should be made. MR. QUINN said Mr. Gorman would report the views expressed at the next meeting of the Benevolent Fund Committee.

### Study Courses During Apprenticeship

Presenting the report of the Education Committee, MR. HALL (chairman) said that, as requested earlier, he had met representatives of the Belfast College of Technology. He had discussed with them the type of books they would require under the gift which the Council had agreed to make to the College. The representatives were to forward a quotation to the Committee of the books they considered most suitable, but so far that had not been received. MR. HALL said that among other things discussed at the meeting was the possibility of arranging some courses of study for students during their two-year apprenticeship in the shop. There was nothing in the regulations which required students to study and they had discussed the possibility, more from the aspect of keeping students in touch, of having evening classes. Among the suggestions made was the holding of a course in business methods and English literature, which it was felt might be helpful to the students. The College authorities were to consider the matter with a view to the introduction of such a class, not only in Belfast but in technical schools throughout Northern Ireland. MR. QUINN said that it could not be a compulsory class and he thought the idea an exceptionally good one. The report of the Committee was adopted on the motion of MR. HALL, seconded by MR. SHINNER.

The report of the Law Committee was presented by MR. MCILHAGGER, who said that the Committee had met on January 11 to continue their work in the preparation of the Calendar. Most of the main and subordinate legislation had been collected together and little remained to be done in that direction. A considerable amount of work would be required in writing a brief history of the Society, details of the Benevolent Fund since it had been established, and various other matters which it had been decided should be included. It was hoped, he said, at the next meeting of the Committee to commence work on drafting new by-laws. The report was adopted on the motion of MR. MCILHAGGER, seconded by MR. TEMPLETON. MR. BOYD said there was a question that a relevant portion of the Intoxicating Liquor and Licensing Act might be included and asked if the Committee had considered that matter. MR. MCILHAGGER said the Law Committee had not made up its mind whether to include the relevant portions of that Act and it was left to the Council to decide whether those should be included. MR. SHINNER thought it was essential that a short extract of the relevant Sections should be included. The Council agreed to accept the suggestions of Messrs. Boyd and Shinner.

The report of the Finance Committee was adopted on the motion of MR. F. R. MOORE, seconded by MR. MCILHAGGER.

Reporting on the Society's December 1956 examinations, MR. GORMAN said that, of forty-nine candidates who entered for the Part I, one was absent, thirty-one passed, eleven failed, four were referred in biology and two in chemistry. The pass was in the region of 63 per cent. He thought it

should be pointed out that there were only six candidates taking the examination for the first time, and that one of those candidates had passed. He said a number of recommendations had been made by the Board of Examiners. There were seven candidates whom the Board recommended should not be admitted to a future examination unless they completed a revision course in all subjects; another student was recommended to take revision courses in physics and biology with the proviso that he could not enter for examination until those were undertaken. A third student was recommended to take a biology revision course. Mr. Gorman reported that one student had sat for the examination for the third and final time and that as it was found that he was weak in one subject only the Board had recommended that he should be given a fourth and final attempt in this subject. Three students who sat for the third time had not reached the pass stage and the Board made no recommendation in those cases; thus, under the regulations, the students would not be permitted to enter on a future occasion.

In Part II, Mr. Gorman said that eighty-seven candidates had entered; one was absent; thirty-five passed, thirty-

six failed, nine were referred in pharmaceutics, two in pharmacognosy, two in chemistry and two in forensic pharmacy. To seven of the students the Board had recommended that a warning letter should be sent to each pointing out that his marks had dwindled and unless a change for the better took place on the next occasion it was likely that he would be required to attend a one-year full-time course. Mr. Gorman said that the results in both examinations generally were not as good as they had been. The fact that thirty-five out of eighty-seven passed was largely due to some students taking one subject only, while some others were taking the examination for the second or third time.

MR. GAMBLE said he was not happy about the suggestion that warning letters should be sent out to a number of students. He suggested that it should not be done by letter but rather by personal contact. He thought that the president and the secretary should interview each of the candidates. MR. QUINN said it was felt that the parents might have brought some pressure to bear on the students. MR. GAMBLE thought a word from the employer in each case might help. The report of the Board was adopted.

## PHARMACEUTICAL SOCIETY OF IRELAND

### Monthly meeting of Council

**M**R. P. F. MCGRATH (president, Pharmaceutical Society of Ireland) suggested at a meeting of Council on January 8 that a committee of four should be set up to submit to the Minister for Health proposals that pharmacists should take over all dispensing under the Health Act for persons in the lower income group. The suggestion was unanimously approved.

Present at the meeting were Messrs. M. Power (vice-president), H. P. Corrigan (treasurer), J. Gleeson, M. Costello, G. C. O'Neill, T. R. Miller, M. L. Cashman, V. McElwee, F. J. Robinson, C. J. Cremen, J. J. O'Regan, J. P. Kissane, A. A. Toher, D. J. Kennelly, and F. Loughman. Apologies for absence were received from Miss L. Cunniffe and Mr. T. B. O'Sullivan.

#### A Matter of Public Relations

From the minutes of the December 1956 Council meeting, MR. MILLER took up the subject of the letter received from the Minister of Agriculture (C. & D., December 22, 1956, p. 686). At the time, he said, the full import of that letter had not occurred to him. On reading it over carefully he thought it was appalling that the Society should receive from a Minister of State a letter couched in such terms and in such a tone. He suggested it would be well to form a joint committee from the Society and the Irish Drug Association, with members from outside making up a cross-section of Irish pharmacy, to investigate why a letter of that kind should be sent. MR. TOHER, supporting Mr. Miller, thought that the suggestion would do nothing but good. Such a committee could investigate the underlying factors contributing to the present position. MR. J. G. COLEMAN (registrar), having read the text of the letter, said that the Minister for Agriculture had, when requested to do so, arranged to see a deputation from the Council between two sessions of the Dail. MR. MILLER said his objection was to the tone of the letter in which the Minister spoke of "shaking up a bottle *ad hoc*." THE PRESIDENT said that he did not think that was meant to be in any way offensive, but MR. MILLER said it was worse still when they realised that those expressions were used in the Dail. His point was why pharmacy should allow itself to get into such a position that those expressions could be used of their profession. That was something which should be investigated. If they had one committee to devote itself solely to the matter and report back to the Council they might achieve something. THE PRESIDENT said he would like to think the matter over and bring Mr. Miller's suggestion forward later when he was proposing the setting-up of another committee. MR.

CASHMAN said that there was a vacuum for such a body to fill in promoting pharmacy's interests by every legitimate method, and in preventing any such slur as that implied in the letter from being cast on the profession. It was even more of an insult since the statement was made in the *Oireachtas*. There was a need for some such body to further the interests of pharmacy as a whole and of its individual members. MR. TOHER: Hear, hear. MR. MILLER agreed to leave the matter in the hands of the president.

MR. C. CONEFREY (treasurer, Chemists' Gaelic Athletic Club) wrote on behalf of the club expressing thanks for the donation of £25 received from the Council.

Greetings for the New Year were received from the Apostolic Nuncio, the Archbishop of Dublin, the Ministers for Health and for Local Government, the lord mayor of Dublin, the presidents of the Pharmaceutical Societies of Great Britain, Northern Ireland, Victoria, Australia, the Pharmacy Boards of Victoria and New South Wales, the Pharmaceutical Councils of Western Australia and Israel, the *Danmarks Apotekerforening*, the Irish Drug Association, Ulster Chemists' Association, Royal Academy of Pharmacy, Madrid, Spain, Association of Ophthalmic Opticians, Irish Association of Dispensing Opticians, the Commissioner of the Civic Guards, the editors of THE CHEMIST AND DRUGGIST, *Pharmaceutical Journal*, secretaries of the British Pharmaceutical Conference, and Irish Pharmaceutical Students' Association. MR. M. COSTELLO, the Society's representative to the International Pharmaceutical Federation, said that he had received greeting cards from the United States, Israel, Iraq, Sweden, Germany, Denmark, Belgium, Austria, Luxembourg, Italy and Holland.

Mrs. Kathleen Sarsfield (née McGarvey), L.P.S.I., who submitted a marriage certificate was granted change of name in the Register. The following submitted L.A.H. certificates and were granted registration as pharmaceutical chemists: Drs. Eileen Laura Power, London, and Maurice White, Terenure, Dublin.

The following changes of address were notified:—

Mr. Patrick G. Coen, M.P.S.I., to Clare View, 4 Coolraine Estate, Limerick; Mr. John Curran, L.P.S.I., to Athenry, co. Galway; Mr. Henry V. Goldon, dispensing chemist and druggist, to Slieve Rua Drive, Kilmacud, co. Dublin.

The following were elected members of the Society: Mrs. Mary T. Fleming, Miss Kathleen McGarvey, Messrs. Oliver Flannery, Timothy F. Kennelly, Eamonn N. Kinirons, and Desmond D. Leahy.

The following were nominated for membership: Mr. Eugene Thomas Leonard, Grange, co. Sligo; Mr. Patrick J. C. Lemassney,

11 Roche's Terrace, Cobh, co. Cork; and Mrs. Kathleen Sarsfield, Milford, co. Donegal.

The report of the House Committee was approved.

The final aspects of the draft for a new Pharmacy Bill were considered at length on a memorandum from the Pharmacy Bill Committee submitted by the registrar, and were approved by the Council.

The preliminary registration was notified of Paul Hannon Grainger.

On consideration of the Schools and Education Committee's report, which was approved, a letter was read from the Department of Industry and Commerce intimating that, under the international student-exchange plan, a nineteen-year-old French student wished to gain experience in Ireland. He held the qualification of "maker-up in pharmacy" and had a sufficient knowledge of English to be able to take up a temporary post. It was decided that the registrar should notify the Department of the names of any pharmacists interested in taking such a student.

MR. TOHER asked to be given, at the next Council meeting, a list of States that recognised the Society's Licentiate qualification and permitted those licentiates to practise in their territory. THE REGISTRAR stated that the Society's qualification was recognised in all the States of Australia, in New Zealand, and in one or two African countries. Applications for recognition were considered on a purely individual basis in the United States and Canada, but the Society could not move to have reciprocity with other countries owing to a flaw in the existing Act, which it was intended should be remedied in the new legislation.

The Law Committee's report was submitted and approved, as was a report submitted by Mr. P. O'Briain (the Society's inspector).

THE REGISTRAR reported the death of Mr. James Joseph Cahill, M.P.S.I.

The Council noted with pleasure the following excerpt from a letter received from the Editor of THE CHEMIST AND DRUGGIST: "The complimentary remarks at the December Council meeting on the C. & D. menu and *Bulletin* are highly appreciated not only by the Editor and his staff but by the directors of the company. We put our best efforts into the task, and it is most gratifying to know that those efforts were both understood and valued."

#### *Support for President's Suggestion*

There was applause from members of the Council when THE PRESIDENT announced his proposal to set up the committee referred to at the opening of this report (for the taking-over by pharmacists of dispensing for the lower-income group). If, said the president, that could be achieved, pharmacists could give a proper service at a saving to the State. Big improvements could be effected in hospital pharmacies and more preparations could be made up by those pharmacies (as in British and Continental hospitals). As already mentioned the Council unanimously approved the proposal.

In a discussion on whether post-graduate courses for pharmacists in the provinces should be held in rural areas, or whether an intensive course should be given in Dublin, MR. TOHER said that he thought such lectures were best given in the country. Since the spoken word was quickly forgotten, he believed there was nothing to beat a study of the written word. For that reason he favoured correspondence courses to link licentiates with the College. When he had suggested the idea in Roscommon there was enthusiastic approval for it, but it would have to be examined to see if there were any snags. MR. KENNELLY said the Post-graduate Course Committee had considered at length the idea of a correspondence course. To carry out such a plan would throw a tremendous amount of work on the Society: experienced writers would have to be found, papers printed, and arrangements made to circulate and collect them. The Committee decided to explore the possibilities of such a scheme for next year. MR. POWER said that to hold an intensive course in Dublin for licentiates from the country entailed

the difficulty of finding staff. On the other hand it might be difficult to get members to attend lectures in the country in view of the present transport difficulties. Since any scheme adopted would have to be on a national basis, he felt the views of the local associations should be obtained on the matter. MR. O'REGAN said that, if pharmacists were interested in a correspondence course, then they must be prepared to pay for it. It was decided that the Education Committee should consider providing either lectures or a correspondence course for pharmacists in areas outside Dublin.

At a meeting of the Benevolent Fund Committee grants totalling £62 were passed for payment.

#### FIFTY YEARS AGO

#### HOW I GOT MY BUSINESS

*From the C. & D., January, 1907*

AFTER passing the "Minor" I found I had not sufficient money to start in business on my own account. I consulted several friends in the trade, and one and all advised me to travel. "See the world a bit," said they, "then pick out what you think are the most suitable lines to go on." I decided to follow this advice. My first berth was as dispenser in a good dispensing business, and although I learned much I found the life monotonous and the pay poor. After nine months I went to one of the large northern towns, and there I struck what was more to my liking—a place where you were kept busy all day supplying all quantities from a pennyworth to five-shillings-worth. Here I had £2 10s. a week, and that left me so little over that the prospect of getting into business on my own account seemed remote. So I made up my mind to have another change. This was a resolution easier made than carried out, for I seemed to enjoy myself so much with the fellows I had got to know that I do believe, if I had not given in my notice, I should still have been working for a master. I left, and had many berths in quick succession, but I could not settle, for the demon of unrest was in possession of me. I inserted an advertisement in the C. & D. *Supplement*, and had a post as branch manager offered to me, which I decided to accept. My wages were £2 5s. a week and commission of 10 per cent. over so much, and house and gas free, with the option, if I liked, of letting this part off, which I did for 8s per week. As the place was in a nice locality, I really set to work to save money. Trade gradually improved, and it was wonderful how pleased I was over my first 2s. commission and how anxious I became to add to my little store at the bank. I went in for cheaper lodgings, simpler dinners—very often a chop or steak cooked in the back shop did; my tea, sugar, etc., I bought myself, and I gradually developed into a "molly." For my recreation I read books from the local free library, my real pleasure all the time being in saving money. After all, there is no "get-rich-quick" without a bit to start with, and altogether I got about £150 to my credit. One day I heard from a traveller of an old chemist in a neighbouring city wishing to sell out for £140, as he was getting rather feeble. My next half-day I ran over to see the place, and found it a very miserable-looking show. I went in and purchased a pennyworth of something, and tried to talk to the old chap, but, as he was rather grumpy and no doubt anxious to finish his nap, I departed, but not before noticing that the fittings were good, the stock poor, an abundance of dust, and a grand opportunity. Still, I thought £140 was a lot. In the evening I looked up the traveller from whom I got my information, and over a friendly glass and cigar I put my position clearly before him. His reply was, "Look here: I will wager a new hat that the old man will take £100 if you show it to him." So he did, and seemed glad of the chance. I agreed to take the place over in a month to enable my employer (whom I had always found a perfect gentleman) to fill my place. My first job when I was at last really in possession was to have a good general rummage, and I made many discoveries, the most important being a large box of stock labels out of which, I presume, my predecessor had made money in his younger days. A local painter brightened things up wonderfully, and new linoleum, along with the bottles well cleaned, made me a very proud man.



“A thing of beauty is a joy for ever”



“But beauty faded has no second spring”



“Absence makes the heart grow fonder”



“Out of sight out of mind”



“Too many cooks spoil the broth”



“Many hands make light work”

## Competitive quotations on request

—for Adrenaline, Atropine, Benzamine Salts, Bismuth Salts, Carbachol, Cinchophen, Emetine and E.B.I., Ephedrine, Ergometrine, Homatropine, Hyoscine, Hyoscyamine, Ouabain, Physostigmine, Pilocarpine, Quinine, Strophanthin-K, Sulphaguanidine, and many other alkaloids and glycosides.

## B.W. & CO. FINE CHEMICALS



BURROUGHS WELLCOME & CO. (*The Wellcome Foundation Ltd.*) LONDON

*QUALITY*  
IN WHITE FLINT  
GLASS CONTAINERS



*First Class  
in GLASS*

- *Prompt delivery from stock*
- *Packed in easily handled cartons*

NATIONAL GLASS  
WORKS (YORK) LTD.  
FISHERGATE, YORK. Tel. YORK 23021  
ALSO AT: 105 HATTON GARDEN, LONDON, E.C.1.  
Tel. HOLBORN 2146

TRADE  MARK

WHOLESALE ONLY

**DISPENSING BOTTLES**

1-oz. to 20-oz.

**RIBBED OVALS**

½-oz. to 16-oz.

**BOW-FRONT PANELS**

1-oz. to 8-oz. and 16-oz.

**OLIVE OIL BOTTLES**

2½-oz., 5-oz. and 10-oz.

**oval tablet bottles**

Nos. 1 to 7½ sizes.

**ROUND SCREW JARS**

Tall and Semi-squat.

**PANEL FLATS**

1-oz. to 4-oz.

**VIALS**

½-oz. to 3-oz.

## TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, JANUARY 23: Home-produced TARTARIC ACID has followed the higher trend of foreign material and is now 10s. per cwt. dearer. POTASSIUM PERMANGANATE is also firmer by three-halfpence per lb. in both the B.P. and technical grades.

Spot parcels of the better grades of Alexandrian SENNA PODS were bought up during the week and only low-to-medium grades are now offered. There were cheaper offers of QUILLIAA for shipment but no reports of business being transacted at the new level. Amongst the seasonably dull BOTANICALS were Jamaican SARSAPARILLA; spot material is now available at three-halfpence per lb. under former prices. A small parcel of LYCOPODIUM was offered at 8s. 6d. per lb., duty paid, but there were no signs of replacement from origin. Also available after a considerable interval was Mexican JALAP. PECACUANHA was little changed but some MATTO GROSSO was offered for shipment and promptly taken up. Small lots of extra prime ALOES were offered from the Cape at about 33s. per wt., c.i.f. In AROMATIC SEEDS, CUMIN was steady although no business was reported; Indian DILL was sold in small quantities at 65s. per cwt. on the spot. Business was done in Chinese star ANISE at the higher level of 175s. per wt., duty paid. Among SPICES, new-crop TURMERIC was one shilling per lb. lower for shipment and most of the PEPPERS were weaker by about a penny per lb. AGAR was again easier for shipment.

Most price movements in the ESSENTIAL OIL market were in a downward direction, the only exception being avoided by PATCHOULI, which was asked up 2s. 6d. per lb. for spot and shipment. Lower by threepence per lb. were ANISE, Ceylon and Formosan CITRONELLA and LEMONGRASS. BOIS DE SOIE was down by sixpence; Brazilian PEPPERMINT by one shilling and ALMAROSA by 2s. 6d. per lb.

New-crop OLIVE OIL is beginning to arrive but only in limited quantities and the expected fall in prices which normally accompanies the arrival of a new crop has not taken place to any extent this year. Spain, the principal exporter, is not yet offering supplies and most of the other producing countries appear to be holding on to their stocks.

### Pharmaceutical Chemicals

AMIDOPYRIN. — Minimum price (5-cwt. s) is 22s. 8½d. per lb., with usual differential for smaller lots.

AMPHETAMINE. — One to 10-kilo lots: BASE, from 140s. to 160s. as to quantity; SULPHATE is 110s. to 130s. and AMPHETAMINE SULPHATE, 40s. to 420s. similar quantities.

ANEURINE HYDROCHLORIDE. — Price per kg. is £19 2s. 6d. with 10-kilo lots at 3 17s. 6d. per kilo.

ASCORBIC ACID. — Rates (per kilo) are:— kilo, £5 7s.; 10 kilos, £5 4s.

BARIUM SULPHATE. — 250-kilo lots of (x-ray) are now 3s. 2½d. per kilo.

CALCIFEROL. — B.P. is 3s. 2d. per gm. 2-kilo lots.

CALCIUM GLUCONATE. — Quantities of 3-cwt. and upwards are quoted at 3s. 9d. per lb.; 1-cwt. to 2-cwt., 3s. 10d.

CALCIUM PANTOTHENATE. — Price per kilo is 22s. 17s. 6d.

CHLOROCRESOL. — Pharmaceutical quality is quoted as 7s. 2d. per lb. for 1-cwt. lots.

CITRATES. — Rates (per lb.) for 1-cwt. and 5-cwt. lots are as follows:—

|                    | 1-cwt. | 5-cwt. |
|--------------------|--------|--------|
| SODIUM*            | 4 1½   | 3 1½   |
| POTASSIUM*         | 3 9½   | 3 8½   |
| IRON AND AMMONIUM† | 3 2½   | 4 0½   |

\*Powder is 2d. per lb. more.

†Scales are 9d. per lb. more.

COCAINE. — For 16-oz. lots the price of the HYDROCHLORIDE is 91s. 6d. per oz. and ALKALOID, 101s. Subject to D.D.A. regulations.

CREOSOTE. — B.P. quality, ex beechwood, is from 6s. 9d. to 7s. 6d. per lb.

CYANOCOBALAMIN. — Less than 10 gm. lots are £87 10s. per gm.

FOLIC ACID. — B.P. and U.S.P. is offered at 5s. per gm. in 1-kilo lots.

IODIDES. — Current quotations (per lb.) include the following:—

|              | 28-lb. | 1-cwt. | 5-cwt. |
|--------------|--------|--------|--------|
| POTASSIUM .. | 11 2   | 10 8   | 10 3   |
| SODIUM ..    | 15 1   | 14 2   | 13 8   |

IODINE. — Resublimed is 13s. 11d. per lb. in 1-cwt. lots, or 30s. 6d. per kilo (50-kilo lots). Minimum delivered rate for CRUDE is 17s. 4d. per kilo.

ODOFORM. — Powder is 22s. 6d. per lb. in 1-cwt. lots and crystals, 25s. 6d.

MAGNESIUM PEROXIDE. — Price (per lb.) for 1-cwt. lots of B.P.C. (15 per cent) is 3s. 11d.

MENAPHTHONE. — B.P. is £11 per kilo; ACETOMENAPHTHONE, B.P., £11; WATER-SOLUBLE (menadione sodium bisulphite, U.S.P.), £15 per kilo.

NICOTINAMIDE. — Prices per kilo are now: 1 kilo, 92s. 6d.; 10 kilos, 90s.; 50 kilos, 88s. 6d.

NICOTINIC ACID. — Prices per kilo are 57s. 6d. for 1-kilo and 53s. 6d. for 50-kilo lots.

NIKETHAMIDE. — Prices per kilo are:— 1-kilo, 113s.; 50-kilo, 105s.

POTASH, SULPHURATED. — Lump, B.P.C., is 2s. 4d. per lb. in 1-cwt. lots.

POTASSIUM BICARBONATE. — B.P. powder is 110s. per cwt. for 1-4 cwt. lots and 105s. per cwt. for 5-cwt. and over.

POTASSIUM 8-HYDROXYQUINOLINE SULPHATE. — 1-kilo is 47s. 1d. and 50 kilos, 44s. per kilo.

POTASSIUM NITRATE. — Pharmacopeial quality is 1s. 2d. per lb. (crystal, granular or powder) in 1-cwt. lots.

POTASSIUM PERMANGANATE. — Dearer. Rate for B.P. material for 1-cwt. lots is 1s. 10½d. per lb. Technical is 197s. 6d. per cwt., and £186 10s. per ton.

PYRIDOXINE. — Manufacturers' rate for 1-10 kilos is £135 10s. per kilo.

PYROGALLIC ACID. — Pure crystals are 18s. per lb. in 1-cwt. lots.

RESERPINE. — Home price is 50s. per gm.

RIBOFLAVINE. — Price (per kilo) is £24 17s. 6d. for 1-kilo and £24 15s. for 10-kilo lots.

ROCHELLE SALT. — Rates (per cwt.) for powder or granulated material are as follows:—In 5-cwt. lots or over, 200s. per cwt.; 1-cwt., 202s. 6d. SEIDLITZ POWDER ordinary strength is 160s. 6d. per cwt. in 1-cwt. lots; smalls, from 2s. to 2s. 3d. per lb. Extra strong is 172s. 6d. per cwt., and from 2s. 1d. to 2s. 4d. per lb. for small quantities. Double-strength is 180s. per cwt.; smalls, 2s. 2d. to 2s. 5d. per lb.

SACCHARIN. — In lots of 1-lb. and over B.P.C. powder is quoted at 99s. 10d. per lb., the SODIUM SALT is 80s. 10d. per lb. Prices include duty and carriage.

SALICIN. — Price quoted is 18s. 6d. per oz.

SALICYLIC ACID. — Prices are now: 5-cwt. lots in bulk, 3s. 0½d. per lb.; 1-cwt., 3s. 2½d.

SALOL. — Quotations for B.P.C. are about 9s. per lb. for 1-cwt. lots.

SEMICARBAZIDE HYDROCHLORIDE. — Technical grade is 19s. per lb. for 1-cwt. lots.

SODIUM ACETATE. — B.P.C. in 28-lb. lots is 2s. 2d. per lb.; 1-cwt., 1s. 9d. per lb.

SODIUM BROMATE. — 1-cwt. lots are quoted at 9s. 9d. per lb.

SODIUM CARBONATE. — B.P. exsiccated is 60s. 6d. per cwt.

SODIUM CHLORIDE. — Re-crystallised is 30s. per cwt.

SODIUM PERBORATE. — Prices (per cwt.) are 145s. 9d. in 1-cwt. kegs; 138s. 3d. in 1-cwt. bags for B.P.C. (minimum 10 per cent. available oxygen). Other strengths pro rata. The PERBORATE MONOHYDRATE testing 15 per cent. available oxygen is 309s. 9d. per cwt.

SODIUM PERCARBONATE. — Prices (per cwt.) about 166s. 9d. (bags, 7s. 6d. lower) for minimum 12½ per cent. available oxygen.

SODIUM SALICYLATE. — Rates are now:— 1-ton lots in bulk, 3s. 7d. per lb.; 5-cwt., 3s. 8d.; 1-cwt., 3s. 10d.

TARTARIC ACID. — Dearer. Rates for the home trade are as follows:—10-cwt. lots, 280s. per cwt.; 5-9-cwt., 282s.; 2-4-cwt., 284s.; 1-cwt., 285s.

TEREBENE. — For 1-carboy lots, 4s. 2d. per lb. is asked. In winchesters, prices are from 4s. 3½d. to 5s. 2d. per lb.

TERPINEOL. — Prices of B.P. grade are from 3s. 6d. to 3s. 8d. per lb., as to quantity.

THEOBROMINE. — Prices for 1-cwt. lots are:— ALKALOID, 30s. 6d. per lb. and SODIUM SALICYLATE, 22s.

THEOPHYLLINE. — 1-cwt. lots of ALKALOID, ANHYDROUS, are quoted at 20s., and the B.P. at 19s. per lb.; AMINOPHYLLINE is unchanged at 20s. per lb.

THYMOL. — In 7-lb. lots the price is 15s. 9d. per lb.; 28-lb., 14s. 6d.

VITAMIN A. — Synthetic. Supplied in strengths of 200,000 international units per gm. the price is 11½d. per million i.u. Natural is 1s. 4d. per million units.

VITAMIN D<sub>2</sub>. — In oil, 2 million units per gm. the price is 2d. per million international units. Crystalline see under calciferol. D<sub>3</sub>, 2d. per million units in oil; crystalline, 17s. per gm.

VITAMIN E (synthetic). — TOCOPHERYL ACETATE, B.P.C., 10 gm. to 100 gm., 1s. 2d. per gm.; 100 gm. to 1 kilo, 1s. per gm. 1 kilo and under 10 kilos, £47 5s. per kilo. The equivalent rates for racemic α TOCOPHEROL (unesterified) are 1s. 3d. per gm.; 1s. 1d. per gm. and £52 per kilo.

### Crude Drugs

**ACONITE.** — Spot supplies of Spanish *napelius* are 3s. 9d. per lb., duty paid.

**AGAR.** — *Kobé* is from 14s. to 16s. per lb., duty paid as to quality. Shipment (January-March) 10s. 6d.

**ALOES.** — Extra prime for shipment is 33s. per cwt., c.i.f.

**ANISEED (STAR).** — Chinese is 137s. 6d. per cwt., c.i.f., for shipment, Spot sold at 175s., duty paid.

**BUCHU.** — Spot supplies are from 7s. 3d. to 7s. 6d. per lb.

**CARDAMOMS.** — Aleppy greens on the spot are 16s. 9d. per lb., and shipment, 16s., c.i.f. No. 1 seed, 21s. 6d. per lb., c.i.f.

**CASCARA SAGRADA.** — American peel is 33s. per cwt., duty paid, and 300s., c.i.f.

**CASCARILLA.** — Spot market bare of whole cut bark. No shipment offers.

**CASSIA BARK.** — Whole on the spot is now quoted at 120s. per cwt., in bond, with forward offers still unobtainable. Broken, 110s., in bond, and shipment, 110s., c.i.f.

**CHAMOMILE FLOWERS.** — Belgian are 22s. to 22s. 6d. per lb. on spot.

**CHERRY BARK.** — Thin natural is from 1s. 9d. per lb., duty paid, and rossed, 2s., on the spot.

**CHILLIES.** — Mombasa on the spot are 260s. per cwt.

**CINNAMON.** — Ceylon for shipment (c.i.f.) per lb., OOOO, 8s. 7d.; OOO, 8s. 5d.; OO, 8s. 3d.; O, 8s. 1d.; firsts, 6s. 11d.; quillings, 4s. 10½d.; chips, 1s. 2d. to 1s. 3d.

**CLOVES.** — Zanzibar on the spot are quoted at 3s. 8d. per lb.

**COCHINEAL.** — Peruvian silver-grey is 14s. 6d. per lb.

**COCLLANA.** — Bark is 2s. 3d. per lb. on the spot.

**DIGITALIS LEAF.** — *Purpurea* is offered at 1s. 3d. per lb., c.i.f.

**ERGOT.** — Portuguese is 6s. per lb., c.i.f., for prompt shipment and 7s. 3d., spot.

**GENTIAN.** — French is 185s. per cwt. on the spot; Mediterranean, 165s.

**GINGER.** — African on the spot is 210s. per cwt., and February-April shipment, 205s., c.i.f. Jamaican is short on the spot; New-crop for February-March shipment is from 595s., c.i.f. Cochin, January-February is 130s., c.i.f.

**GUM ACACIA.** — Kordofan cleaned sorts are 160s. per cwt. on the spot, afloat, 142s. 6d., c.i.f.

**HONEY.** — Australian light-amber is 146s. 6d. and medium-amber, 142s. 6d.; Argentine, 147s. 6d.; Jamaican, 147s. 6d. to 152s. 6d., all per cwt., on the spot.

**IPECACUANHA.** — (Per lb.). Colombian, spot, 49s., no shipment offers; Matto Grosso, no offers. Nicaraguan, spot, 58s.; shipment, 55s., c.i.f. Costa Rican, no offers.

**JALAP ROOT.** — Mexican testing 15 per cent. is offered at 5s. 8d. per lb. on the spot. Brazilian is 1s. 8d. per lb., spot.

**LYCOPODIUM.** — Small parcel on the spot offered at 8s. 6d. per lb. duty paid.

**MACE.** — Whole on the spot is 30s. per lb.

**MENTHOL.** — Chinese. Spot scarce at 55s. per lb., duty paid; afloat, from 51s. to 52s., c.i.f., as to position. Brazilian, spot, 45s., duty paid; January-February shipment, 40s., c.i.f.

**MERCURY.** — Price per flask (76-lb.) is about £85.

**ORANGE PEEL.** — West Indian bitter quarters are 11d. to 1s. per lb.; Spanish 1s. to 1s. 3d.

**PAPAIN.** — Spot value of East African is 28s. per lb. for grade 1.

**PEPPER.** — White Sarawak is 2s. 6d. per lb. on the spot, with afloat, 2s. 4½d. and January shipment, 2s. 3½d. c.i.f. Black Sarawak is offering on the spot at 1s. 10½d. per lb.; afloat, 1s. 8½d. c.i.f. Black Malabar, 235s. per cwt. on the spot; prompt shipment, 200s., c.i.f.

**PIMENTO.** — Spot is 590s. per cwt. with forward at 540s., f.o.b.

**PODOPHYLLUM.** — *Emodi* on the spot is cleared. *Peltatum* is 4s. per lb. spot, and 3s. 7½d. c.i.f.

**PYRETHRUM.** — Powder, 1 per cent., is 2s. 11d. per lb.

**QUASSIA.** — Chips are 42s. 6d. per cwt. on the spot, and 32s. 6d., c.i.f.

**QUILLIAIA.** — Spot offers of bark at 220s. per cwt. with shipment somewhat easier about 195s., c.i.f.

**RHUBARB.** — Quotations for Chinese are from 6s. 6d. to 9s. 3d. per lb., as to quality.

**SAFFRON.** — Mancha superior is 280s. to 290s. per lb., on the spot.

**SARSAPARILLA.** — Jamaican native red on the spot is 2s. 9½d. per lb., and for shipment, 2s. 8d., c.i.f.

**SASSAFRAS.** — Selected bark is 5s. per lb. on the spot.

**SEEDS.** — (Per cwt.). **ANISE.** — Cyprian, 175s.; Bulgarian, 160s., duty paid, both spot London. **CARAWAY.** — Dutch are quiet with sellers quoting 155s., duty paid. **CELERY.** — Indian in short supply, 210s. quoted landed terms. **CORIANDER.** — Steady. Spot Moroccan nominal 95s.; Rumanian, 75s.; Bulgarian or Polish, 65s., all duty paid. **CUMIN.** — Spot Cyprian, 135s.; Iranian, 132s. 6d., duty paid. **DILL.** — Indian selling in small quantities at 65s. spot. **FENNEL.** — Unchanged with Indian at 110s., spot. **FENUGREEK.** — Small business passing on spot in Indian at 70s., and Moroccan, 70s., duty paid. **MUSTARD.** — English, 57s. 6d. to 85s. according to quality.

**SENEGA.** — Spot is 18s. 6d. per lb. with shippers asking 18s., c.i.f.

**SENNA.** — Wet-crop *Tinnevelly* LEAVES (per lb.) are: Prime bold, 1s. 6d.; prime No. 1, 1s. 4½d.; prime No. 2, 1s. 2d.; PODS, f.a.q., 9d., spot (9d., c.i.f.); hand-picked, 1s. 2d. to 2s. 3d. *Alexandrian* manufacturing pods, 10d. to 1s. 3d.; hand-picked scarce with only low to medium grades available.

**SHELLAC.** — F.O.T.N., 310s. per cwt.; F.O. No. 1, 325s.; fine orange, 340s. to 380s.

**SLIPPERY ELM.** — Grinding quality bark is 2s. 6d. per lb.

**SQUILL.** — White is offered on the spot at 57s. to 62s. 6d.

**STRAMONIUM.** — Indian LEAVES are 70s. per cwt., and European 80s. on the spot.

**STROPHANTHUS.** — *Kombé* on the spot is 6s. 6d. per lb. for the 100 per cent.; *Gratus* is 11s. 3d.

**TRAGACANTH.** — No. 1 ribbon is £175 to £180 per cwt.; No. 2, £150.

**TURMERIC.** — Madras finger on the spot is 82s. 6d. per cwt. with new-crop, April-May shipment at 60s.

**VALERIAN ROOT.** — Indian on the spot is 140s. per cwt. Dutch for prompt shipment, 187s., c.i.f.

**VANILLIN.** — Rates (per lb.) are:— 5-cwt. lots, 27s. 3d.; 1-cwt., 27s. 6d.; 56-lb., 27s. 9d.; smaller quantities, 28s.

**WAXES.** — (Per cwt.). **BEES'.** — Dar-es-Salaam, shipment, 612s. 6d., c.i.f., spot, 630s.; Sudanese, 615s. duty paid and 560s., c.i.f. Abyssinian, spot, 580s., duty paid, afloat, 550s., c.i.f. **CANDELLILA.** — Spot is 550s. **CARNAUBA.** — Fatty grey, spot, 575s. per cwt.; for shipment, 515s., c.i.f. Prime yellow, spot, 1,320s.; shipment, 1,120s., c.i.f.

**WITCH HAZEL LEAVES.** — Spot supplies are 2s. 3d. per lb.; prompt shipment, 2s. 1d., c.i.f.

### Essential and Expressed Oils

**ALMOND.** — British oil is from 13s. to 13s. 6d. per lb.; imported, 11s. 6d.

**ANISE.** — Chinese, 13s. 9d. per lb., spot; shipment, 13s., c.i.f.

**BAY.** — West Indian is 13s. 6d. per lb. on the spot.

**BERGAMOT.** — Spot supplies are from 75s. per lb. and shipment from 73s. to 74s. 6d. per lb., c.i.f.

**BIRCH TAR.** — Rectified is about 14s. per lb. in 1-cwt. lots.

**BOIS DE ROSE.** — Brazilian is 26s. 6d. per lb. on the spot and 25s. 6d., c.i.f.

**CADE.** — Spanish is 3s. 9d. per lb. for drum lots.

**CALAMUS.** — Spot quotations are 62s. 6d. per lb.

**CARAWAY.** — English-distilled is offered at 55s. and imported from 28s. to 29s. per lb., duty paid.

**CASSIA.** — Spot quotations are nominally 13s. 6d. per lb. and shipment, 13s. 6d., c.i.f.

**CEDARWOOD.** — 1-cwt. lots of American are 7s. 6d. per lb., and Kenya, 4s. 6d.

**CELERI SEED.** — Oil is 107s. 6d. per lb. for bulk lots.

**CITRONELLA.** — Ceylon, spot, 6s. 6d.; afloat, 6s. per lb.; January-February shipment, 5s. 9d., c.i.f. Formosan afloat is 8s. 3d., c.i.f., spot, 9s. 6d. duty paid; Java sellers at 8s. 1½d., c.i.f.

**CLOVE.** — Madagascar leaf is 9s. 1½d. per lb. duty paid and 7s. 6d., c.i.f. for shipment. Rectified B.P., 17s. 6d.; 87-88 per cent., 12s. Distilled bud oil, English, from 28s. 9d. to 35s. as to quantity.

**DILL.** — B.P. English-distilled oil prices are nominal; imported from 36s. per lb.

**EUCALYPTUS.** — Australian 70 to 75 per cent. eucalyptol on the spot is 5s. 8d. per lb.; 80 to 85 per cent., 6s. 4d. Spanish 70 to 75 per cent. at 4s. 11d., duty paid. Portuguese 70 to 75 per cent., 4s. 4d., duty paid. Chinese type, 4s. 3d., duty paid.

**GERANIUM.** — Bourbon is from 97s. 6d. per lb. on the spot and Algerian, 87s.

**JUNIPER-BERRY.** — B.P.C. oil is from 12s. 6d. per lb. and Jugo-Slavian, 14s. on the spot. English-distilled is 155s. Wood, from 5s.

**LAVANDIN.** — Spot is from 15s. to 17s. 6d. per lb. as to quality, for original drums.

**LAVENDER.** — French oil is from 55s. to 80s. per lb. as to make.

**LAVENDER SPIKE.** — Spanish is offered from 14s. per lb. on the spot.

**LEMON.** — Prices of B.P. oil (4 per cent. citral) vary greatly on the spot according to quality and range between 25s. and 40s. per lb. Californian, 28s. 6d. to 36s. 4d., c.i.f., as to quality, subject to licence.

**LEMONGRASS.** — Spot is 10s. 6d. per lb., and shipment, 9s. 7½d., c.i.f.

**LIME.** — West Indian distilled is 45s. per lb. on the spot.

**NUTMEG.** — Imported B.P. oil is about 85s. per lb. English distilled, 180s. nominal.

**OLIVE.** — New-crop now arriving is firm at 31s. per lb. for B.P. (minimum term ex wharf).

**PALMAROSA.** — East Indian, 50s., spot 44s., c.i.f.; Formosan, 40s.

**PATCHOULI.** — Penang is 37s. 6d. dut paid, and 34s. c.i.f.

**PEPPERMINT.** — *Arvensis*: Chinese 31s. 6d. per lb. on the spot and 29s., c.i.f. Brazilian, 20s. 6d., spot, and 19s. 6d., c.i.f. Formosan, 20s. 6d., c.i.f.; spot, 21. Italian "Mitcham" type oil on the spot is from 52s. 6d. to 65s.; American, 35 to 42s. 6d. as to origin.

## Synthetics and Isolates

Prices per lb. for minimum 1-cwt. lots unless otherwise stated.

ACETOPHENONE.—5s. AMYL ACETATE.—  
s. AMYL BENZOATE.—6s. 6d. AMYL  
BUTYRATE.—4s. 6d. AMYL PHENYLACETATE.—  
9s. 6d. AMYL SALICYLATE.—4s. 6d.  
AMYL CINNAMIC ALDEHYDE.—10s. ANE-  
HOLE.—20s. to 24s. 6d. ANISIC ALCOHOL.—  
45s. ANISIC ALDEHYDE (ex paracresol).—  
8s. 6d.; (ex anethol).—40s.

BENZALDEHYDE.—5s. BENZOPHENONE.—  
s. 6d. BENZYL ALCOHOL (perfumers').—  
s. 3d. BENZYL ACETATE.—3s. 7d. BENZYL  
ENZOATE (perfumers').—4s. 9d. BENZYL  
INNAMATE.—21s. BENZYL ISOEUGENOL.—  
0s. to 67s. 6d. BENZYL PROPIONATE.—  
s. 6d. BENZYL SALICYLATE.—5s. 6d. to  
s. 9d. BENZYLIDENE ACETONE.—11s.  
BORNOL.—16s. BORNYL ACETATE.—3s. 2d.  
to 4s. BROMYSTROL.—31s. BUTYRIC ACID.—  
4s. 6d.

CINEOL.—12s. 6d. CINNAMIC ALCOHOL.—  
14s. 6d. CINNAMIC ALDEHYDE.—5s. 9d.  
CINNAMYL ACETATE.—25s. CINNAMYL BUTY-  
RATE.—35s. CITRAL.—28s. to 35s. CITRO-  
ELLAL.—21s. CITRONELLOL (ex Ceylon).—  
0s.; (ex Java).—32s. 6d. to 42s. 6d.  
COMARIN.—19s.

DIETHYL PHthalate.—2s. 9d. DIMETHYL  
ENZYL CARBINOL.—47s. 6d. DIMETHYL  
HYDROQUINONE.—18s. 6d. DIPHENYL  
ETHANE.—5s. 6d.

ETHYL BENZOATE.—5s. 6d. ETHYL BUTY-  
ATE.—4s. 6d. ETHYL CINNAMATE.—14s.  
ETHYL OENANTHATE.—17s. 6d. ETHYL  
SALICYLATE.—4s. 6d. ETHYL VANILLIN.—  
8s. EUGENOL.—21s. 6d. to 24s.

GERANIOL (ex Ceylon).—18s.; (ex Java).—  
32s. to 37s. 6d.; (ex Palmarosa).—110s.  
GERANYL ACETATE (ex Java).—32s. to  
7s. 6d.

HELIOTROPINE.—21s. HYDROXYCITRO-  
ELLAL (perfumers').—55s.; (for soaps).—  
2s. 6d.

INDOLE.—140s. IONONE 100%.—42s. 6d.  
ISOBUTYL ACETATE.—4s. 6d. ISOBUTYL  
ENZOATE.—6s. ISOBUTYL SALICYLATE.—  
s. 6d. ISOEUGENOL.—24s. 6d. to 28s.  
LINALOL.—40s. to 43s. LINALYL ACETATE.—  
45s. 6d. to 52s. 6d.

METHYL ACETOPHENONE.—10s. 6d.  
METHYL ANTHRANILATE.—18s. 6d. METHYL  
ENZOATE.—5s. to 6s. METHYL CINNAMATE.—  
s. Methyl PHENYLACETATE.—7s.  
METHYL HEPTINE CARBONATE.—215s.  
METHYL IONONE 100%.—43s. 6d. MUSK  
ETONE.—32s. 6d. MUSK XYLOL.—7s. 6d.  
IUSTARD OIL (art.).—19s. to 22s.

NEROLIN BROMELIA.—8s. NEROLIN  
ARA YARA.—8s.

PARAESYL ACETATE.—12s. 6d. PARA-  
ESYL PHENYLACETATE.—12s. 6d. PHENYL-  
ETALDEHYDE.—65s. PHENYLACETIC ACID.—  
5s. 6d. to 6s. PHENYLETHYL ALCOHOL.—  
10s. 9d. to 12s. 6d. PHENYLPROPYL  
COHOL.—16s. 6d. to 21s.

RHODINOL.—200s.

SAFROLE.—6s. SANTALOL.—120s. to 180s.  
TROLYLENE ACETATE.—10s. 6d. to  
s. 6d.

TERPINEOL (perfumers').—3s. to 3s. 9d.  
ERPINY ACETATE.—4s. 9d. to 5s. 3d.

VETIVEROL.—230s. to 260s. VETI-  
RYL ACETATE.—220s.

## UNITED STATES REPORT

NEW YORK, JANUARY 22: Leading antibiotics were advanced to make REPTOMYCIN 8½ cents per gm, up one cent, and PROCAIN PENICILLIN 6½ cents per million units, up 1½ cents. Higher per lb. among CRUDE DRUGS were pow-  
ered ASAFOETIDA at \$1.00, up 20 cents and whole IPECACUANHA at \$6.50. Lower per lb. was PERU BALSAM at 15, down five cents. Higher per lb. among ESSENTIAL OILS was GINGER at \$21.50 (up \$1.50).

## TRADE MARKS

### APPLICATIONS ADVERTISED BEFORE REGISTRATION

From the "Trade Marks Journal," January 2

For hypodermic syringes, hypodermic needles and  
sutures (10)

DIAMOND STAR, 756,180, by S. & R. J.  
Everett & Co., Ltd., Thornton Heath, Surrey.

For adhesive tape (not for surgical purposes and  
not being an article of stationery) made of thermoplastic materials (17)

INSULEX, 757,430, by John Gosheron & Co.,  
Ltd., London, S.E.11.

From the "Trade Marks Journal," January 9

For plastics in the form of powders, pastes,  
liquids, emulsions, dispersions and granulates and  
being for industrial uses (1)

FILON, 753,802, by Whiffen & Sons, Ltd.,  
London, S.W.6.

For bentonite for use in industry (1)

Device with words SCHUNDLER'S BENTONITE,  
B757,492, by F. E. Schundler & Co., Inc.,  
Joliet, Illinois, U.S.A.

For filtering materials being raw or partly prepared  
vegetable and mineral substances (1)

FIBRA-FLO, 758,634, by Johns-Manville Cor-  
poration, New York, U.S.A.

For preparations and substances for laundry use;  
cleaning, polishing, scouring and abrasive pre-  
parations; and detergents (not for use in indus-  
trial or manufacturing processes) (3)

Device, 757,041, by ATA, A.G., Thalwil, Swit-  
zerland.

For sanitary tampons and sanitary towels (5)

SERENA, 755,216, by Personal Products Cor-  
poration, Milltown, New Jersey, U.S.A.

For all goods (5)

VELROC, 755,217, by Johnson & Johnson, New  
Brunswick, New Jersey, U.S.A. CATHOPEN,  
758,812, by Merck & Co., Inc., Rahway, New  
Jersey, U.S.A.

For preparations of calcium lactate for use as  
nutritional aids by addition to animal foodstuffs  
(5)

BOW-CALAC, 757,613, by Bowmans Chemi-  
cals, Ltd., Widnes, Lancs.

For insecticides, fungicides, and preparations for  
killing weeds and destroying vermin, all contain-  
ing sulphur (5)

SULFOCIDIDE, 758,581, by Murphy Chemical  
Co., Ltd., Wheathampstead, Herts

For medicated bath salts (5)

SEAGLOW, 758,967, by Theaker, Chemist,  
Ltd., Hastings.

For insecticides, fungicides and weed-killing pre-  
parations (5)

FERNADRIN, 758,983, by Plant Protection,  
Ltd., Yalding, Kent.

For pharmaceutical products (5)

DELTISTINE, 759,062, by Rona Laboratories,  
London, W.C.2.

For pharmaceutical preparations and substances  
(5)

PENIVIDE, SULVAREN, 759,151-52, by Boots  
Pure Drug Co., Ltd., Nottingham.

For optical, photographic and cinematographic  
instruments and apparatus, etc. (9)

HENSOLDT, B754,667, by M. Hensoldt &  
Soehne, Optische Werke, A.G., Wetzlar, West-  
ern Germany.

For surgical and maternity supports; sacro-iliac  
binders; and orthopaedic braces; all being contri-  
vances (not medicated) for use in relation to health  
(10)

LASTICA, 756,793, by S. H. Camp & Co.,  
Ltd., London, W.I.

For gutta percha, india rubber, balata; plastics in  
the form of sheets, tubes or rods; and articles  
from the aforesaid materials (17)

UNILEAF, 758,082, by Unilex, Ltd., Knares-  
borough, Yorks.

For hair combs (21)

NORSMAN, 759,204, by Perlex Co., Ltd., Lon-  
don, W.I.

From the "Trade Marks Journal," January 16

For chemical products for use in industry (1)

NIATEX, 758,089, by Union Carbide and Car-

bon Corporation, New York, U.S.A.

For chemical products used in industry; agricultur-  
e, horticulture and forestry; artificial manures,  
etc. (1)

EXSUD, 759,058, by South American Minerals  
and Products Co., Ltd., London, E.C.1.

For powder boxes (compacts) for personal use (3)  
FLORSHEIM, device of words FLORSHEIM  
OF LONDON, 756,709-10, device of words  
FLORSHEIM OF LONDON, 756,712, by  
James Florsheim & Co., Ltd., London, W.1.

For cleaning, polishing, scouring and abrasive  
preparations; soaps and soap powders (3)  
TOLKS, 758,769, by Dales Tablet Makers, Ltd.,  
Stecton, Yorks.

For preparations for waving and setting hair (3)  
SET-A-NET, B756,791, by Delavelle (G.B.),  
Ltd., London, N.1.

## COMING EVENTS

Items for inclusion under this heading should be  
sent in time to reach the Editor not later than  
first post on Wednesday of week of insertion.

### Tuesday January 29

BURNEY BRANCH, PHARMACEUTICAL SOCIETY,  
Swan and Royal hotel, Clitheroe, Annual  
dinner and dance.

EDINBURGH AND SOUTH-EASTERN SCOTTISH BRANCH,  
PHARMACEUTICAL SOCIETY, 36 York Place, Edin-  
burgh, at 7.45 p.m. Members' night.

NORTH STAFFS BRANCH, PHARMACEUTICAL SOCIETY,  
Stafford hotel, Station Road, Stoke-on-Trent,  
at 7.30 p.m. Mr. W. R. Roberts (Pharmaceuti-  
cal Society's chief inspector) on "Current De-  
velopments in Forensic Pharmacy."

SHEDFIELD BRANCH, PHARMACEUTICAL SOCIETY,  
Grand hotel, at 8 p.m. Mr. J. B. H. Francis  
on "Champagne" ("refresher" course, part  
iv).

### Wednesday, January 30

LONDON SECTION, FOOD, PLASTICS AND POLYMER  
GROUPS, SOCIETY OF CHEMICAL INDUSTRY, 14  
Belgrave Square, London, S.W.1, at 6.30 p.m.  
Mr. F. A. Paine on "Some Aspects of Pack-  
aging."

LONDON SECTION, ROYAL INSTITUTE OF CHEMIS-  
TRY, South-west Essex Technical College,  
Forest Road, London, E.17, at 7 p.m. Mr.  
R. Lait on "Some Aspects of Inorganic  
Peroxide Compounds."

NORWICH BRANCH, PHARMACEUTICAL SOCIETY,  
Assembly house, Theatre Street, Norwich, at  
7.30 p.m. Mr. H. W. Tomski on "Economics of  
Pharmacy."

PLYMOUTH BRANCH, PHARMACEUTICAL SOCIETY,  
Mutley assembly rooms, at 7.45 p.m. New  
Year party and dance.

### Friday, February 1

EXETER BRANCH, PHARMACEUTICAL SOCIETY, Rou-  
gemont hotel, Exeter, at 7.30 p.m. Talk on  
"Business Systems for Chemists" by a repre-  
sentative of Shannon, Ltd.

HULL CHEMISTS' ASSOCIATION and BRANCH, Im-  
perial hotel, at 8 p.m. Mr. A. R. G. Cham-  
pings (Ciba Laboratories, Ltd.) on "The Corti-  
sone Story."

LONDON SECTION, ROYAL INSTITUTE OF CHEMIS-  
TRY, Technical College, Brighton, at 7 p.m.  
Professor E. R. Jones on "Acetylene and  
Allene Chemistry."

MERSEYSIDE BRANCH, NATIONAL ASSOCIATION OF  
WOMEN PHARMACISTS, Y.W.C.A. lounge, 18  
Slater Street, Liverpool, at 7.45 p.m.  
Rev. J. A. Rosie on "The Life of Kathleen  
Ferrier."

SOCIETY OF COSMETIC CHEMISTS, Royal Society  
of Arts, John Adam Street, London, W.C.2, at  
7.30 p.m. Mr. I. Greenfield on "The Use of  
Polyvinylpyrrolidone in Cosmetics and Toilet  
Preparations."

SOUTH-WEST LONDON CHEMISTS' ASSOCIATION and  
WANDSWORTH DIVISION OF THE BRITISH MEDICAL  
ASSOCIATION, Berkeley rooms, Zetra House,  
Upper Richmond Road, London, S.W.15, at  
8.15 p.m. Dr. A. A. Mason (clinical assistant in  
psychiatry, West London Hospital) on "The  
Uses of Hypnosis in Medicine."

## PRINT AND PUBLICITY

### COMMERCIAL TELEVISION

PROGRAMME details are given to enable chemists to put in linking-up displays if they wish. Notice given is as far in advance of the programme date as can be guaranteed by the broadcasting companies.

#### Thursday, January 31

LOONON: Innoxa barrier creams.

#### Sunday, February 3

LONDON: Gilbey's tonic wine.

MIDLAND: Penetrol inhalant. Moore's teething jelly. Elastoplast. Nivea. Anadin.

NORTH: Penetrol inhalant. Moore's teething jelly. Zoflora. Elastoplast. Nivea. Anadin.

ALL: Pacquin's hand cream. Strix tablets.

#### Monday, February 4

LONDON: Plenamins. Sanatogen tonic wine. Silvikrin shampoo, pure Silvikrin. Gibbs' S.R. Beecham's powders. Alka-seltzer. Crookes halibut-oil capsules. Haliborange. Elastoplast. Nivea. Anadin.

MIDLAND: Plenamins. Sanatogen tonic wine. Gilbey's tonic wine. Crookes halibut-oil capsules.

NORTH: Plenamins. Silvikrin hair dressing. Silvikrin shampoo, pure Silvikrin. Beecham's pills.

#### Tuesday, February 5

LONDON: Silvikrin hair dressing. Beecham's powders. Crookes halibut-oil capsules. Haliborange. Elastoplast. Nivea. Phensic.

MIDLAND: Gibbs' S.R. Crookes halibut-oil capsules.

NORTH: Sanatogen tonic wine. Beecham's pills. Beecham's powders.

#### Wednesday, February 6

LONDON: Loxene shampoo. Gibbs' S.R. Crookes halibut oil capsules. Haliborange. Elastoplast. Nivea. Phensic. Veno's cough mixture.

MIDLAND: Elastoplast. Nivea. Crookes halibut oil capsules.

NORTH: Silvikrin hair dressing. Silvikrin shampoo. Vapex. Beecham's powders. Veno's cough mixture.

#### Thursday, February 7

LOONON: Cojene tablets. Beecham's powders. Crookes halibut-oil capsules. Haliborange. Phensic. Veno's cough mixture.

MIDLAND: Loxene shampoo. Gibbs' S.R. Crookes halibut-oil capsules.

NORTH: Loxene shampoo. Gibbs' S.R. Zoflora. Silvikrin shampoo. Beecham's pills. Beecham's powders. Veno's cough mixture.

#### Friday, February 8

LONDON: Moore's teething jelly. Silvikrin shampoo. Beecham's powders. Crookes halibut-oil capsules. Haliborange. Phensic. Veno's cough mixture.

MIDLAND: Elastoplast. Nivea. Crookes halibut-oil capsules.

NORTH: Loxene shampoo. Gibbs' S.R. Elastoplast. Nivea. Silvikrin shampoo. Beecham's powders. Veno's cough mixture.

#### Saturday, February 9

LONDON: Penetrol inhalant. Moorland indigestion tablets. Anadin.

MIDLAND: Penetrol inhalant. Moorland indigestion tablets. Anadin.

NORTH: Penetrol inhalant. Moorland indigestion tablets. Fennings' cooling powders. mothers' book, rheumatism tablets. Gilbey's tonic wine.

ALL: Pacquin's hand cream.

### PUBLICATIONS

#### Booklets and Leaflets

IMPERIAL CHEMICAL INDUSTRIES, LTD., Nobel Division, Bothwell Street, Glasgow: "Silicones for Foam Prevention." Pp. 12.

MARCHON PRODUCTS, LTD., Whitehaven, Cumberland: "Industrial Applications of Surface-active Chemicals." Pp. 15.

MOND NICKEL CO., LTD., Thames House, Millbank, London, S.W.1: Nickel-plating for Engineers. Pp. 71.

ROYAL INSTITUTE OF CHEMISTRY, 30 Russell Square, London, W.C.1: "Furfural From Agricultural Sources," by Andrew P. Dunlop, B.S. Pp. 17. Price 4s.

ROZALEX, LTD., 10 Norfolk Street, Manchester, 2: "Skin Protection and Occupational Dermatitis." Pp. 52.



Showcard available from Glaxo Laboratories, Ltd., Greenford, Middlesex.

### PRESS ADVERTISING

THOMAS KERFOOT & CO., LTD., Ashton-under-Lyne, Lancs: Vapex. In *Sphere*, *Illustrated London Evening News*, *Star*, *Evening Standard*.

THE BRITISH PATENT PERFORATED PAPER CO., LTD., Hackney Wick, London, E.9: Bronco toilet paper. In national Press, leading women's magazines, medical journals.

ALFRED FRANKS & BARTLETT CO., LTD., 228 Gray's Inn Road, London, W.C.1: Bartex sunglasses. In national Press.

DAE HEALTH LABORATORIES, LTD., 17 Berners Street, London, W.1: Valderma. In national Press.

## C. & D. WEEKLY LIST OF PRICES

A = Advanced; I.R.P. = Inclusive Retail Price; \* = Tax 30 per cent.; † = Tax 90 per cent.

BICKIEPEG, LTD. (distributors: MAY, ROBERTS & CO., LTD.) (from February 1)

|                  | Doz. | I.R.P. |
|------------------|------|--------|
| Bickiepegs       | 12 0 | 1 4 A  |
|                  | 18 0 | 2 0 A  |
| Chu-Chu rusks    | 15 9 | 1 9 A  |
| Toddlers' crusts | 15 0 | 1 8 A  |
| Bickiepeg broth  | 12 0 | 1 4 A  |
| Fortigen         | 16 6 | 1 10 A |

FLETCHER & FARLOW, LTD.

| Synfoam super synthetic sponge | standard | 2 11 |
|--------------------------------|----------|------|
|                                | large    | 3 11 |

KALIUM PRODUCTS

| Garlic tablets | Each         | 2 6 |
|----------------|--------------|-----|
| 100            | 3 8          | 5 6 |
| Shampoo        | 4 oz.        | 2 6 |
|                | 10 oz.       | 6 0 |
| Entrex         | 1 oz.        | 1 9 |
|                | 2 oz.        | 3 0 |
|                | 5 oz.        | 6 0 |
|                | liquid 1 oz. | 2 3 |

KORAY, LTD. (from January 18)

| Betalax chocolate laxative drops* | 4 oz.       | 4 doz. | 6 A |
|-----------------------------------|-------------|--------|-----|
|                                   | packet of 6 | 15 0   |     |
|                                   |             | 3 doz. |     |

packet of 15 26 3 1 2 A

PICOT (SALES), LTD. (corrected note)

| Picot perfumes† modèle de luxe  | 240 0 |
|---------------------------------|-------|
| Eau de Cologne, eau de lavande† | 9 0   |
| 4 oz.                           | 15 0  |

| Frictions† | 8 oz. | 25 0 |
|------------|-------|------|
|            | ½ oz. | 3 0  |

(The above prices have not been advanced as was previously stated.)

| RIMMEL, LTD.                           | Doz. | 1 4 A |
|--|------|-------|
| Beauty preparations† budget-size packs | 6 8  |       |

### P.A.T.A. LIST

(Alterations notified this week by the Proprietors of Articles Trade Association.)

ADDITION TO THE LIST  
WILLIAM FREEMAN & CO., LTD.  
Suba-Seal "Natural" baby feeding requisites  
(Full details available from the Secretary  
P.A.T.A., 43 Gordon Square, London, W.C.1).

### NEW PRODUCTS AND PACKS

EVAN WILLIAMS CO., LTD.  
Blue shampoo\*

FRENCH OF LONDON  
French Accent solid hair streak†

PFIZER, LTD.  
Deltagycorin tablets\* 100  
(Basic N.H.S. price.)

IMPERIAL CHEMICAL INDUSTRIES, LTD.  
PHARMACEUTICALS DIVISION  
Sulphamezathine sodium solution 16 per cent.  
9 gm. 16 0 2 0

SYNTHETIC POLYMER PRODUCTS, LTD.  
Polystif



ISSUED BY TRUFOOD ©

FOR CHILD SAFETY : Trufood, Ltd., 113 Newington Causeway, London, S.E.1, are reissuing at the end of January infant welfare posters to over 4,000 clinics throughout the country, the safety-in-the-home poster first introduced in 1950. Messrs. Trufood are also introducing a franking slogan for outgoing mail from their London office. From January 14 every envelope will carry the slogan "TRUFOOD CEREAL FOOD FROM YOUR CHEMIST." (The majority of letters sent from the office are to mothers, clinics and doctors.)

The  
analgesic  
that is  
different

...and  
the  
safe nasal  
decongestant

**PANADOL**

Trade mark

Tablets, 0.5g. N-acetyl-p-aminophenol, in cartons of 20, bottles of 100 and 500.

**NEOPHRYN**

Trade mark

Sympathomimetic amine as drops (0.25%) in  $\frac{1}{2}$  oz. bottle, or fine spray (0.5%). Also available with antihistamine.

**BAYER PRODUCTS LIMITED,**

NEVILLE HOUSE · KINGSTON-ON-THAMES · SURREY

Associated Exporting Company: WINTHROP PRODUCTS LIMITED.



Your  
"SILENT"  
SALESMAN  
in  
NORTHERN  
IRELAND

*An integral part  
of the  
United Kingdom*

Read in the homes of every  
hamlet, village, town and city  
throughout the whole of this  
important industrial and  
commercial territory.

## Belfast Telegraph

HEAD OFFICE ROYAL AVENUE, BELFAST. LONDON OFFICE 112 FLEET STREET, E.C.4

THE NEWSPAPER WITH THE LARGEST CIRCULATION IN NORTHERN IRELAND

NO ADVANCE  
IN PRICE  
  
WRAPPING PAPER  
BAGS  
ENVELOPES  
  
IMMEDIATE  
DELIVERY

James Townsend

AND SONS LIMITED

SPECIALIST CHEMISTS' PRINTERS

P.O. BOX No. 12

MUSGRAVE HOUSE, WESTERN WAY, EXETER

The Symbol



Quality & Service

## GRAESSER SALICYLATES LTD

SPECIALISTS IN THE MANUFACTURE OF

ASPIRIN SALICYLATES  
and ALLIED PRODUCTS

Kindly Note . . .

OUR RANGE NOW INCLUDES

## METHYL SALICYLATE

SANDYCROFT  
NR. CHESTER

Telephone:  
HAWARDEN 2125

Telegrams:  
QUALITY CHESTER



## Traditional Solazzi Liquorice

Loosens phlegm,  
soothes bronchitis and asthma, prevents  
infection of the air passages. A modern  
medicament in digestive disorders and  
gastric ulcers.

MADE FROM PURE CALABRIAN LIQUORICE ROOT  
Savepiam Via Fusco 5 NAPLES (Italy)

Buckley Bowker Tablet Co. Ltd.

29 Parkfield Street, London, N.I.

Telephone: Canonbury 3401

Manufacturers of the highest Standard

## Contraceptive Foam Tablets

and of every kind of Quality Tablets  
to Customer's own formulation . . .

# Only 'Bubbly' Stergene



washes wool, silk,  
rayon, nylon and 'Terylene'  
REALLY WHITE — and  
colours BRIGHT,

restores 'yellowed'  
nylon or rayon  
garments to their  
original whiteness,

gives a 'balanced'  
lather — enough  
for the wash; but  
completely dispersed  
with one rinse.

**can be confidently recommended**

'Bubbly'

**Stergene**

specially  
made for fine  
fabrics

Leaflets available on request.

**DOMESTOS LIMITED, COLLEGE WORKS, ALBION ROW, NEWCASTLE UPON TYNE, 6.**

*There is no secret  
behind the  
success of*

## INECTO

### Colour Creme

It is the best and most up-to-date permanent hair-tinting preparation on the market.

Complete and ready for use, with enclosed picture directions. There is a comprehensive range of 18 lovely natural shades from Deep Black to Light Blonde.

From your wholesaler  
3/4 plus P.T.  
8/- retail.

*please ask for  
shade indicator*



Enquiry Bureau: INECTO HOUSE,  
27 DOVER STREET, LONDON, W.1.  
HYDe Park 7541 (12 lines)

## WIN the loyal Cuticura public to YOUR Pharmacy

Just one pack of each of the Cuticura Preparations in your attractive window will catch the eye of every Cuticura Customer. They know that the pharmacy that sells their Cuticura, stocks only the best.

### STOCK AND DISPLAY

## Cuticura

**SOAP  
OINTMENT  
HAND CREAM  
SHAVING STICK  
TALCUM POWDER  
MEDICATED LIQUID**

*You must sell this  
6<sup>d</sup> sachet!*

The big demand for Shandruff, the enemy of dandruff, is growing every week—it is a lovely shampoo which does what is claimed for it and is the only 6d. sachet of its type now on the market. Don't leave it any longer.

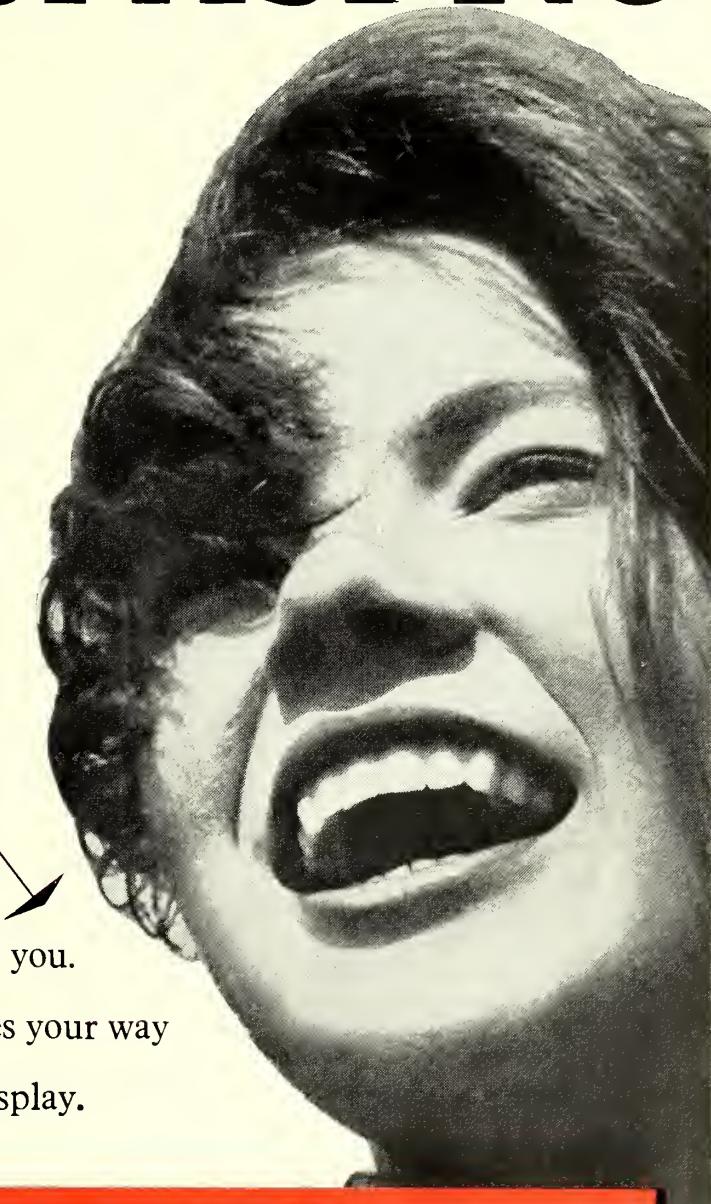


*These  
neat little counter display  
cards will aid your sales.*

Price 42/- per gross sachets, plus P.T. AVAILABLE ON SALE OR RETURN  
*From your usual wholesaler or*  
**VINES BIOCIN LIMITED**  
222-224, HARROW ROAD, LONDON, W.2  
Telephone : CUNningham 1172-3

# A

# is for ASPRO



A is for Aspro as advertised to  
one in three customers living near you.  
To make sure more business comes your way  
give Aspro prominent counter display.

**ASPRO is advertised  
in the Sunday Pictorial  
on January 27th**

**SUNDAY PICTORIAL**



In the fore . . .



It's the LABEL!

Remember YOUR product is known by its LABEL . . .

*ENSURE YOU HAVE THE BEST*

*Consult*

**SUTTLEY & SILVERLOCK**

(Branch of Kelly's Directories Ltd.)

**THE LABEL PRINTERS  
ANDOVER, HANTS**

Phones 2234 & 2235

## TABLET IDENTIFICATION

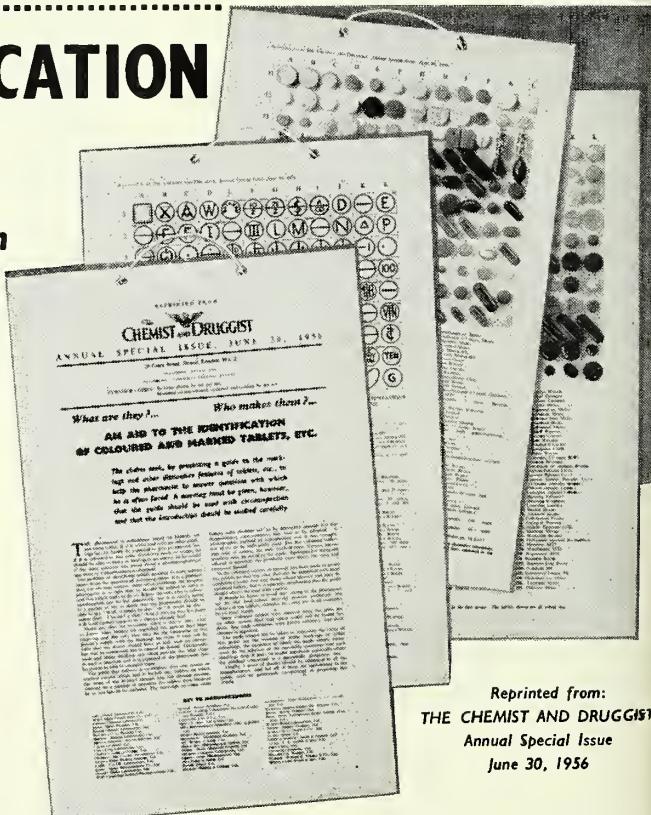
**Set of 4 Charts printed in  
Colour with black and white  
diagrams for the identification  
of Colour and Marked  
Tablets, etc.**

The set of four sheets size 14 x 10 ins.  
on art paper is priced at 1s. 6d. post free or  
mounted, eyeletted and corded at  
5s. post free.

For convenience and speed, reference to key is arranged  
in columns.

Orders accompanied by Postal Order or cheque for  
the amount involved should be sent to  
the Publisher

*The*  
**CHEMIST AND DRUGGIST**  
28 ESSEX STREET, STRAND, LONDON, W.C.2  
Telephone: Central 6565



Reprinted from:  
THE CHEMIST AND DRUGGIST  
Annual Special Issue  
June 30, 1956



*First Class  
in GLASS*

QUALITY  
**IN WHITE FLINT  
GLASS CONTAINERS**

**DISPENSING BOTTLES**

1-oz. to 20-oz.

**RIBBED OVALS**

½-oz. to 16-oz.

**BOW-FRONT PANELS**

1-oz. to 8-oz. and 16-oz.

**OLIVE OIL BOTTLES**

2½-oz., 5-oz. and 10-oz.

**OVAL TABLET BOTTLES**

Nos. 1 to 7½ sizes.

**ROUND SCREW JARS**

Tall and Semi-squat.

**PANEL FLATS**

1-oz. to 4-oz.

**VIALS**

½-oz. to 3-oz.

TRADE  MARK

**NATIONAL GLASS  
WORKS (YORK) LTD.**

FISHERGATE, YORK. Tel. YORK 23021

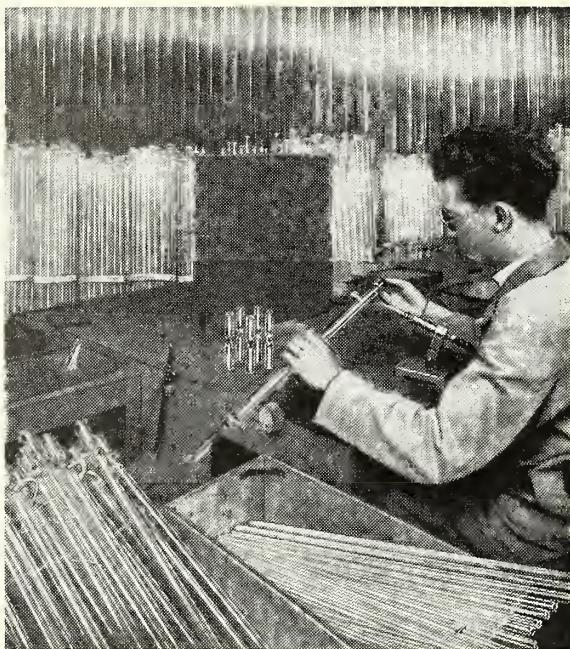
ALSO AT: 105 HATTON GARDEN, LONDON, E.C.I.

Tel. HOLBORN 2146

• Prompt delivery from stock

• Packed in easily handled cartons

WHOLESALE ONLY



## It pays to use 'PYREX' Glass Tubing for all your fabricating work

Glassworkers who fabricate their own apparatus will find 'PYREX' tubing the safest and strongest glass to use. The range of sizes runs from 2 mm to 100 mm with three wall thicknesses . . . the widest range offered by any manufacturer. Apparatus fabricated from 'PYREX' tubing will give longer and more satisfactory service because of its resistance to sudden extremes of temperature, and to the attacks of acid (except, of course, hydrofluoric and glacial phosphoric).

Finally, because 'PYREX' tubing is made from the same glass as 'PYREX' Beakers and Flasks, and this has the same coefficient of expansion, it can safely be used for repairs to all forms of 'PYREX' apparatus.

- 'PYREX' Tubing and Apparatus are used in every type of laboratory, from the school to the research institute. No problems when repairs to expensive apparatus required. Please write for special tubing leaflets.

**MADE IN  
PYREX  
ENGLAND**

**'PYREX'**  
REGD. TRADE MARK BRAND

THE BRITISH  
LABORATORY GLASSWARE

**JAMES A JOBLING & CO LTD**  
Wear Glass Works Sunderland

THE ONLY MAKERS OF PYREX' BRAND GLASS IN THE UNITED KINGDOM



Telephone Royal 4922/3

CAMPERDOWN STREET,  
LEMAN STREET, LONDON, E.I.

**Your own  
proprietary lines  
manufactured and  
packed in  
AUSTRALIA**

Australia's high standard of living makes it a rich market for proprietary lines — chemists' lines, cosmetics, groceries, horticultural and veterinary products etc. To avoid difficult import restrictions, and freight and insurance costs, many manufacturers are now having their goods prepared and packed in Australia.

Since 1888  
Simpson's Manufacturing Pty.  
Ltd., of Melbourne, Victoria

and Sydney, New South Wales, has been producing articles of this kind since 1888. They now list over a thousand clients from all parts of the world. Clients' specifications are faithfully followed and utter secrecy is observed. Distribution, marketing and advertising facilities in all states are available if required.

Further details and quotations will be gladly given without obligation.

**SIMPSONS**  
SINCE 1888

Barkly Avenue, Burnley, Melbourne, E.I., Victoria, Australia.

# *Twinco*

**revolving  
self-service  
DISPLAY  
UNIT**

**with mirror**

*beautifully made in high  
impact plastic and metal  
30" high 14" Base.*

**GAY and  
COMPELLING**

**C O M P R I S I N G**

|                          |         |
|--------------------------|---------|
| 2 doz. "Kiddy Butterfly" | 2/- ea. |
| 1 doz. "Domino"          | 2/6 ea. |
| 1 doz. "Candy"           | 3/6 ea. |
| 1 doz. "Ballerina"       | 4/6 ea. |
| 1 doz. "Ventnor"         | 5/- ea. |
| 1 doz. "Burford"         | 5/- ea. |

**stand FREE!**

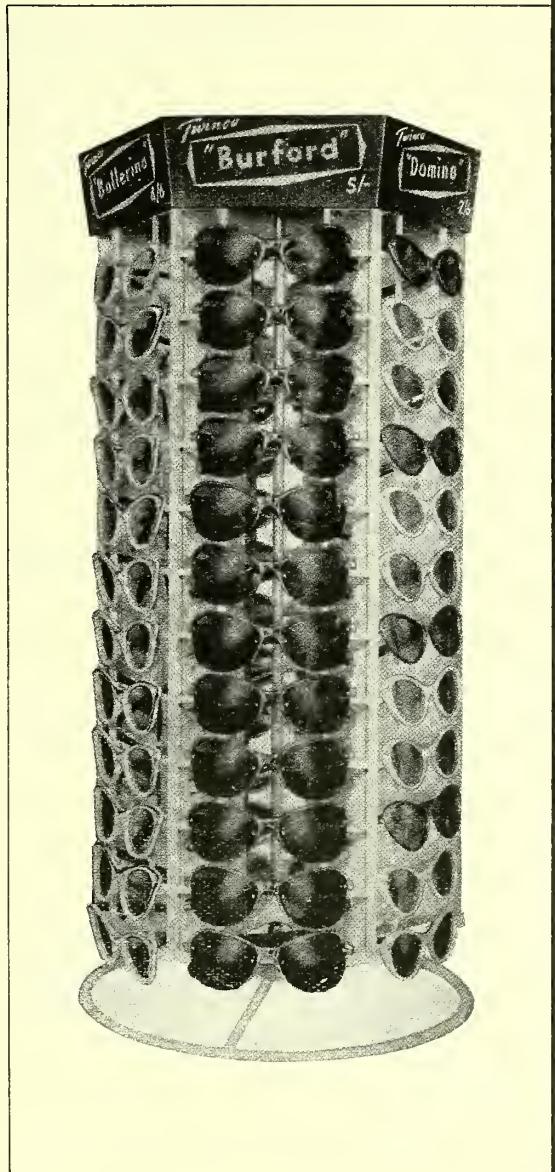
**TOTAL £9 · 16 · 0  
RESELLING £14 · 14 · 0**

**PROFIT £4 · 18 · 0**

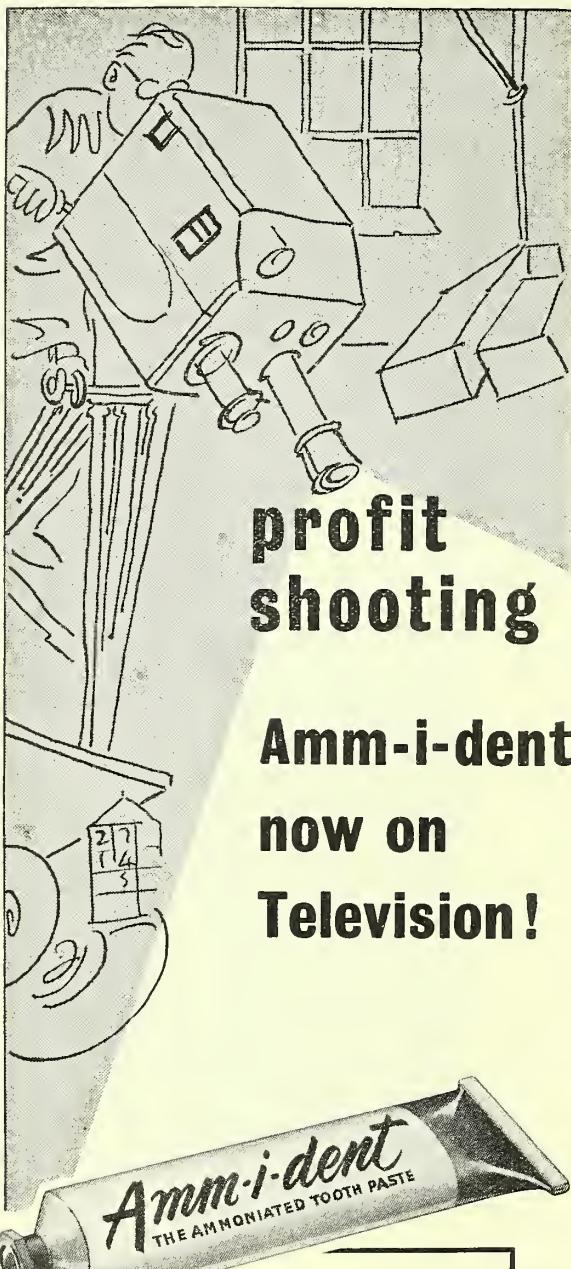
*comes to you with sunglasses already mounted for  
immediate display and selling. Refills available.  
Further details from your wholesaler.*

**FOR MORE INFORMATION AND DETAILS OF FULL RANGE OF  
TWINCO SUNGLASSES, CONTACT YOUR WHOLESALER**

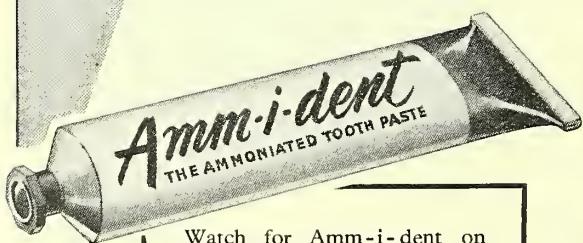
**sunglasses**  
ARE BRITISH MADE



**JARRETT, RAINSFORD & LAUGHTON LTD., BIRMINGHAM 14**



**Amm-i-dent**  
now on  
Television!



Watch for Amm-i-dent on  
your TV. screen—every  
showing means more profits  
for you !

**Amm-i-dent**  
**TOOTH PASTE**

STAFFORD-MILLER LTD.  
166 Great North Road, Hatfield, Herts.

## IMPORTANT NOTICE

On the 30th November an Order was made by Mr. Justice Upjohn restraining Baypine Co. by themselves or by their servants or agents from infringing the registered trade mark of Jeyes' Sanitary Compounds Company Limited featuring the word "Jeypine".

Baypine Co., their servants or agents were also restrained from selling offering for sale or in any way dealing in germicides or disinfectants not of Jeyes' manufacture or merchandise under the mark "Baypine" or any business name incorporating the word "Baypine" or any word only colourably differing therefrom or from in any other manner passing-off germicides or disinfectants not of Jeyes' manufacture or merchandise as and for Jeyes' goods.

Baypine were also directed to destroy all advertisements labels or other material the use whereof would offend against the injunction, such destruction to be verified on oath. Baypine were also directed to pay the costs of the proceedings.

**JEYES' SANITARY COMPOUNDS CO. LTD.**  
RIVER ROAD • BARKING • ESSEX

**VITAMIN D3**

**PURE CRYSTALLINE D3**

**FINE CHEMICALS**

*Manufacturers:*

**PEBOC**  
**LIMITED**

Sales Office: 629/630 TOWER BUILDING,  
LIVERPOOL 3, ENGLAND

Laboratories: NORTHOLT, MIDDLESEX



*A new preparation for the treatment of dysmenorrhoea*

obtainable from the Manufacturers and Distributors

**M.C.P. PURE DRUGS LTD.**

or through your usual wholesaler

Each tablet of Femerital contains Dibutamide (alpha-dibutylamino-alpha-(p-methoxy phenyl)-acetamide) 100 mg. Salicylamide 125 mg.  
Phenacetin 125 mg. Caffeine 25 mg.

*Dibutamide is manufactured in accordance with patents applied for.*

M.C.P. PURE DRUGS LTD · 86 STRAND · LONDON · W.C.2

15

POPULAR WITH YOUR CUSTOMERS  
**PROFITABLE FOR YOU**



**NUCTA**

**CREAM SHAMPOO**

Delightfully perfumed and with exceptional lathering and cleansing power.

IN 2 OZ. SIZE  
FOR HOME USE  
Selling at 2/7½  
(17/6 per doz. plus tax)

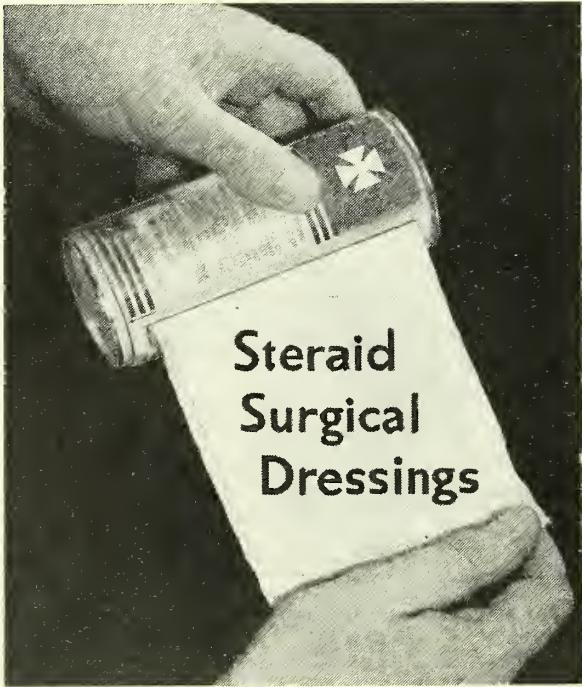
AVAILABLE ALSO  
WITH  
EGG AND LEMON

OBTAIENABLE FROM YOUR USUAL WHOLESALER

MANUFACTURED BY

**STEWART, GOODALL & DUNLOP LTD.**  
121<sup>A</sup> PRINCES STREET — EDINBURGH

# Look at this dressing!



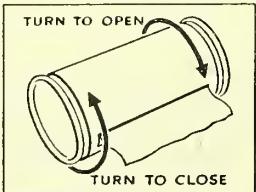
... It is STERAID GAUZE being drawn out of its patent container ready to be snipped off.

What a convenience this could be to your Doctor and other customers: they would readily buy their Dressings in this simple and effective device ... so very much superior to the ordinary packets.

**STERAID DRESSINGS** are made up in Gauze and Lint (Plain and Boric) in Display outers, each of twelve containers.

Enter a trial order through your Wholesaler. Your customers will appreciate the utility of this excellent product.

After use, one slight turn at the base will return the dressing to the container, enclosing it completely from any contamination, ready for further use . . .



**ROBERT BAILEY & SON, LTD.**  
SURGICAL DRESSINGS MANUFACTURERS  
DYSART STREET, GREAT MOOR, STOCKPORT  
Phone: STEPPING HILL 3006/7 Gram: "UNDISPUTED" STOCKPORT

HOME TRADE

JKL

EXPORT

# MENTHOL IPECAC QUILLAIA

and all other Botanicals, Gums, Waxes, Essential Oils and Spices

**JOHN KELLYS (LONDON) LTD.**  
24 OLD BROAD STREET, E.C.2

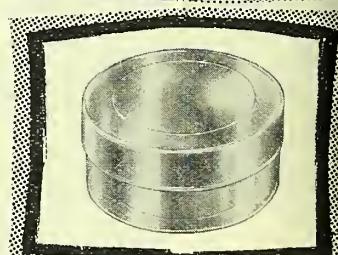
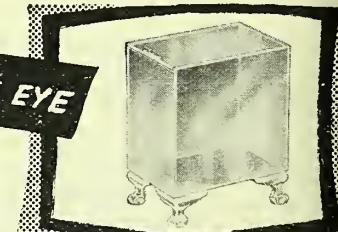
Telephone: LONDON Wall 6585 (4 lines)  
Telegrams: "Ergotine, Stock, London"

NEW YORK • HAMBURG

ARREST THE EYE

Increase  
your  
sales

Irresistible for their after-sale appeal and offered at surprisingly low cost, these containers will help your products to sell themselves. Choice of 40 designs, write for brochure and free samples.

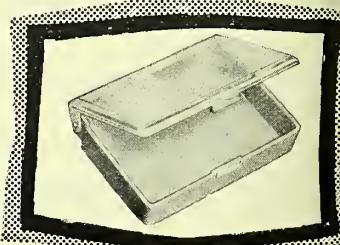


The Plastic Box Company Limited



MARKET RASEN  
LINCS  
ENGLAND

Tel : Mkt. Rasen 2121



# SMALLER SIZE TRESS



Heavy advertising in  
**'WOMAN'**  
**'WOMAN'S OWN'**  
**'DAILY MIRROR'** etc.  
will reach  
**15,000,000 WOMEN**  
—widening the market for this  
fast-selling wave-set

TRESS, already one of the biggest selling wave sets, reaches an even wider market with the addition of this half-size pack. Be sure you have stocks to meet an entirely new demand for 1/9d Tress. The large size still continues in demand by enthusiasts who have formed the habit of buying Tress at 2/10½d per bottle.

#### TRADE TERMS

**SMALL SIZE**  
Price 8/10d  
per dozen bottles  
plus 90% tax  
selling at 1/9d per bottle.

**LARGE SIZE**  
Price 14/5d  
per dozen bottles  
plus 90% tax  
selling at 2/10½d per bottle.

GOLDEN LIMITED, 7 GROSVENOR STREET, LONDON, W.I. Hyde Park 1671

Trade Enquiries for the Republic of Ireland should be addressed to: Lilmar Pharmaceuticals, Ltd., Santry, Dublin.

*An ideal Contraceptive*

# Antemin

REGD. TRADE MARK

ANTEMIN is an ideal contraceptive cream and fulfils all the requirements for successful family planning. Based on sound scientific principles in the light of modern research, Antemin is

- ★ HIGHLY EFFECTIVE
- ★ HARMLESS
- ★ EASY TO APPLY
- ★ INEXPENSIVE and is
- ★ ODOURLESS and COLOURLESS

*Antemin is approved by the Family Planning Association for use in conjunction with a mechanical barrier.*

Retail price . . . 3/- per tube

Trade Discount . . . 33½%

**COATES & COOPER LTD.**

Pyramid Works • West Drayton • Middlesex



# PRIDE HAIR BEAUTY PREPARATIONS



by FURMAN  
Grand Awards  
London, Paris, Brussels

#### SPRAYING HAIR LACQUER

In the new super spray. This fine, fast-selling product is an article you can recommend with confidence. Price 20/- per dozen, P.T. 17/- per dozen. Retail 4/3d. REFILL Sachet 13/- per dozen, P.T. 11/8 per doz. Retail 2/8d.

#### EGG AND LEMON SHAMPOO

The nutritive 24 cream shampoos in the plastic dispenser injector bottle. Price 25/- per dozen, P.T. 7/6d. per dozen. Retail 3/9d. In 3 shampoo tubes 5/- per dozen. P.T. 1/6 per dozen. Retail 9d.

#### SPRAYING TONIC BRILLIANTINE

The ultra light, high gloss, vitamized oil, helpful to drier types of hair. Price 17/6d. per dozen. P.T. 15/9d. per dozen. Retail 3/9d.

#### COLOUR STREAK

In 6 lovely shades. Just brushes on. Price 17/6d. per dozen. P.T. 15/9d. per dozen. Retail 3/9d.

#### BRILLIANT GLITTERS

Which give the effect of diamonds in the hair. In 6 shades. Price 13/- per dozen. P.T. 11/8d. Retail 2/8d.

NOW BEING ADVERTISED EXTENSIVELY AS CHRISTMAS GIFTS IN NATIONAL NEWSPAPERS AND WOMEN'S MAGAZINES.

Showcards — Display Outers — Window Bills

*From your usual Wholesaler or direct.*

B. N. FURMAN (PROD.) LTD., LONDON, N.4



BONUS—Thirteen to the dozen on all orders

|                    | Retail                  | per doz.   |
|--------------------|-------------------------|------------|
| CAMTHOL LINCTUS    | 3/- per bott. inc. P.T. | Cost 27/6  |
| CAMTHOL PASTILLES  | 1/9 per tin inc. P.T.   | Cost 14/11 |
| CAMTHOL VAPOUR RUB | 1/9 per jar inc. P.T.   | Cost 14/11 |

**B. HOOPER & CO. LTD.**

6 RAILWAY PLACE, FENCHURCH STREET,  
LONDON, E.C.3.



Introduced last Autumn, "Tussola" was an immediate success. Your customers will ask for it again and again and recommend it to their friends. The active ingredients are Pholcodine and Squill in a base containing treacle, honey and liquorice. 4 oz. size 17/- doz. plus 5/1½ P.T. Retail 2/7 bottle. Bonus and crowner available.

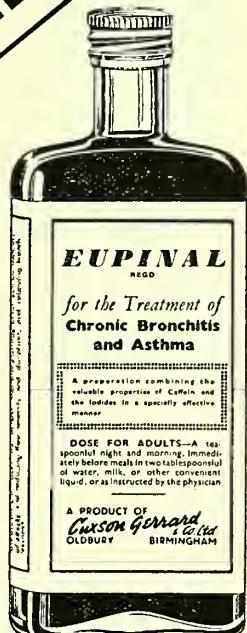
**FOR THE WINTER**



**TWO FIRST CLASS LINES**  
PRODUCTS OF

*Cuxson, Gerrard & Co. Ltd.*

**FOR THE WINTER**



OLDBURY  
BIRMINGHAM

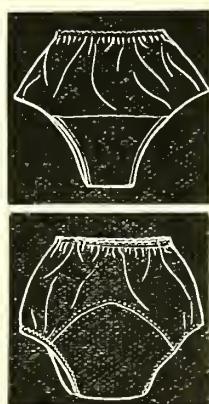
**Sales are good—  
repeat—sales are good!**

Yes, once you start selling Oliver's sani-knicks you can be sure you will get those important repeat sales. These garments are full of the qualities which breed customer confidence. They are excellently made, fit well, and give comforting re-assurance. In locknit or net material with rubber protection, in brief and knicker styles, they are available in small, medium and large sizes. Colours white or peach. You cannot afford to miss this fast-selling line.

**Oh! for OLIVER'S  
SOFT SAFE SANI-KNICKS**

Available through your wholesaler or for export.

**WILLIAM OLIVER'S (RUBBER) LTD.**  
Blackhorse Lane, London, E.17.  
Tel: LARKswOOD 8811



**MOULDED BOTTLE PACKS**  
... Winchester bottles—in fact all types of bottles and jars are better packed by our moulding process. Please let us have your enquiry.

**COMPRESSED**

**PAPER PACKING LIMITED**  
*in association with*  
**FIBRE MOULDINGS LIMITED**

**m**

HORTON ROAD · WEST DRAYTON · MIDDLESEX · Tel: WEST DRAYTON 2237

brome&schimmerfor botanicals  
brome&schimmerdrugs brome&schimmer  
for balsams brome&schimmer  
for gums brome&schimmer for essentia  
loil brome&schimmer for fore calyp  
tus brome&schimmer for lanoil b  
rone brome&schimmer for s  
chimmer for w  
herbs brome&  
schimmer for arnaubawax brome&  
schimmer for honeybrom  
brome&schimmer for kamalab  
brome&schimmer for orgam  
boge brome&schimmer for tra  
can th  
brome&schimmer for acaciabrom  
e&schimmer for bo  
brome&schimmer  
rfore s  
ils brome&schimmer  
for elopodiumbrome&schimmer  
rfor aniseed oilbrome&schimmer  
orculinarybrome&schimmer  
for ty brome&schimmer  
swax brome&schimmer  
for agaragar  
brome&schimmer  
for deertongue  
brome&schimmer  
for balsams  
brome&schimmer  
HOP.0825 for Brome&Schimmer.

*The firm with  
the broadest  
spectrum ever!  
Dazzling!  
Stupendous!*

**F. SCHUTZE & CO., LTD.**  
ESTABLISHED 1882

For "MASTER" BRAND SURGICAL TRUSSES  
SUSPENSORY BANDAGES  
JOCK STRAPS, etc., etc.

PERFUMERY BOTTLE WICKERERS in RAFFIA  
or SILK, plain or fancy, wide range of designs.  
Own bottles wickered at moderate cost.

Black Bull Works, Market Road  
London, N.7

ESTABLISHED 1793

**ATKINSON & BARKERS**  
**INFANTS' PRESERVATIVE**

The Infants' Medicine  
of 150 years' standing

For teething and digestive troubles

**ROBERT BARKER & SON LTD**  
13 ALISTAIR STREET MANCHESTER, 1

INDISPENSABLE  
TO ALL WHO SELL  
ANIMAL MEDICINES

*Every country chemist, every  
chemist with pet-owning customers,  
needs a copy of this NEW work—*

# THE CHEMIST'S VETERINARY HANDBOOK

(formerly *VETERINARY COUNTER PRACTICE*)

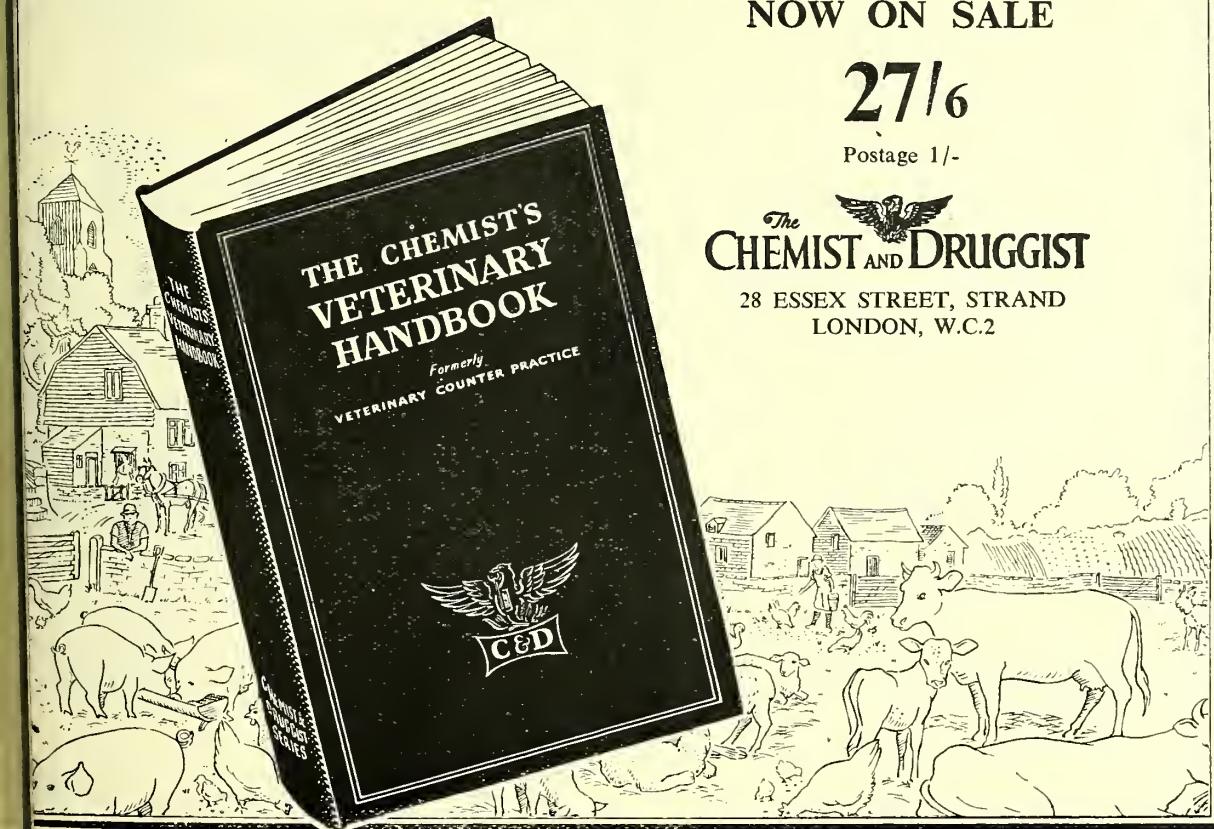
The changes that have transformed veterinary medicine, as they have transformed human medicine, are all dealt with in this expertly written book. Its information on animal diseases is up-to-date and adequate for all the purposes of the pharmacist, enabling him to answer the inquiries and meet the requirements of members of the veterinary profession, to dispense their prescriptions, and to handle with knowledge the goods that farmers, poultry keepers, pet owners and animal lovers are accustomed to buy from him.

NOW ON SALE

27/6

Postage 1/-

  
**The CHEMIST AND DRUGGIST**  
 28 ESSEX STREET, STRAND  
 LONDON, W.C.2





## It is a long way to CARLSBAD

. . . but nevertheless you can benefit from the world-renowned healing springs of this famous spa. Carlsbad thermal salt replaces it by providing complete home treatment for stomach and gall diseases of all kinds — of course only if it is the genuine, natural one, from

Karlovy Vary!



Distributed by :

# CHEMAPOL

Panská 9., Praha II., Czechoslovakia

## BACK, KIDNEY and BLADDER PILLS



"The box with the pink wrapper"

**A profitable line packed in two sizes  
retailing at 1/9 and 2/9**

SMALL SIZE

**6/9**

PER DOZEN

LARGE SIZE

**12/6**

PER DOZEN

**THE ACTON PILL & TABLET CO. LTD.  
ASH VALE · SURREY**

Phone: FARNBOROUGH (HANTS) 698

## BEST-SELLERS

ALL  
*the year round!*

Sun-tang—made from whole oranges, sugar and glucose—contains Vitamin C, essential to good health. RETAIL PRICE 3/3d. PER BOTTLE.

Niagara—made from Blackcurrant juice and sugar-rich in Vitamin C—the perfect drink for young and old alike RETAIL PRICE 3/4d. PER BOTTLE.

More customers are asking for both these delicious, health-giving drinks. Meet the extra demand by ordering ample stocks NOW and make sure of year-round profits.

**BARNETT & FOSTER LTD.**  
QUEENSBRIDGE ROAD, LONDON, E.8. Tel.: CLissold 7132



***Smiler now introduces  
his new friend on Television!***

To make sure that all your customers know about this new product—Cow & Gate CEREAL FOOD—we are following up our National Consumer Press campaign with nation-wide television coverage starting on January 19th.

**Be prepared for the rush !**

Cow & Gate CEREAL FOOD is packed in full colour 8-oz. cartons, dozen to the outer, and retails at 1/6d.

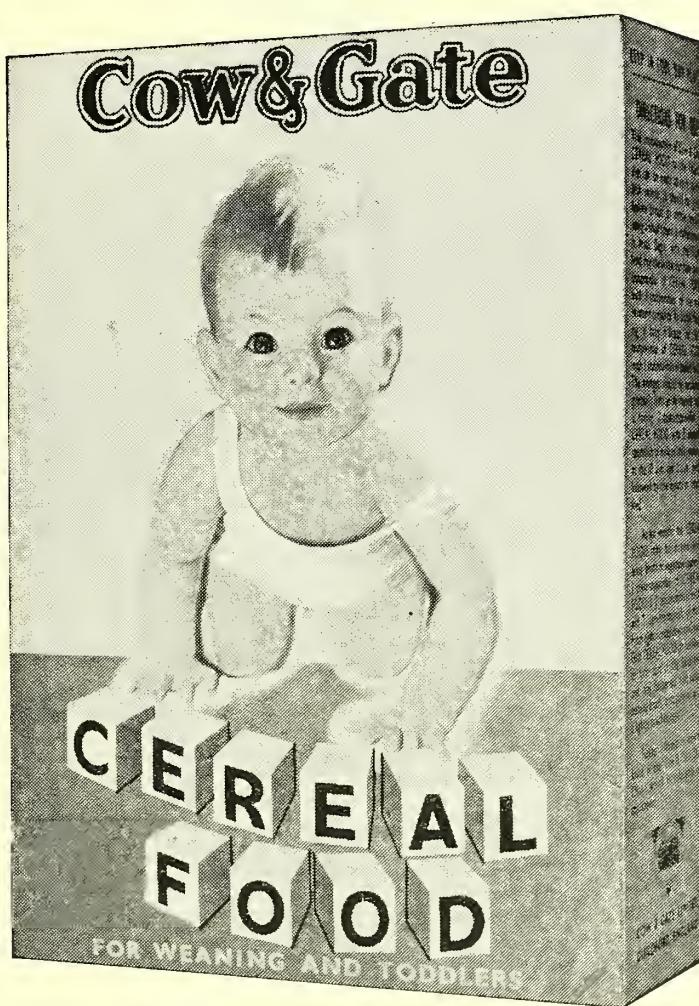
Rade price 14/5d. per dozen.

Rade price 13/9d. per dozen (minimum direct order 2 dozen).

Rade price 13/6d. per dozen (minimum direct order 6 dozen).

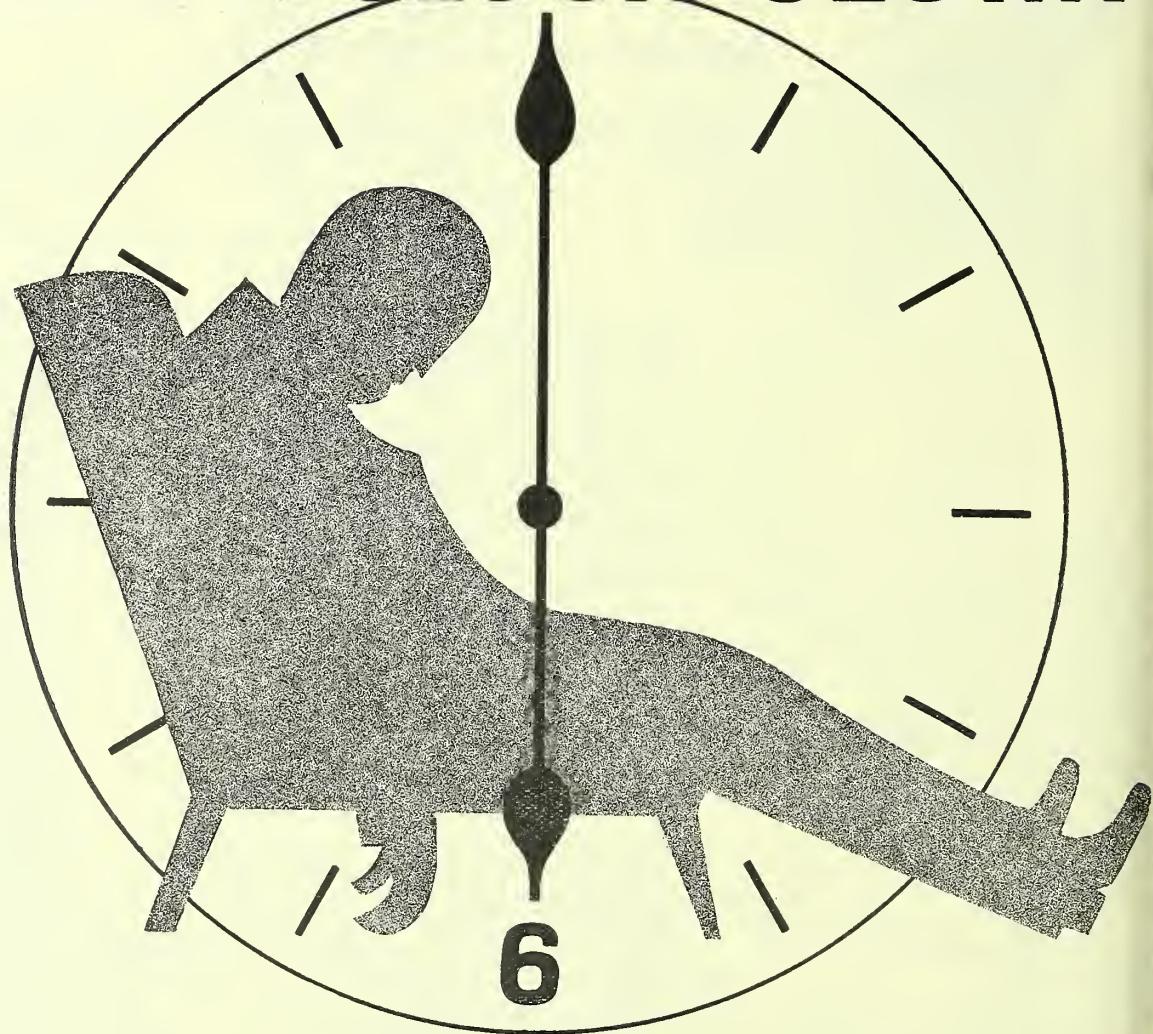
arriage paid on 2 dozen and over.

Please address your enquiries and requests for promotion matter to:—



**COW & GATE LTD., Guildford, Surrey.**

# SIX O'CLOCK SLUMP



'Six o'clock slump' expresses the tiredness that millions of men and women feel about that time of day.

'FIGHT SIX O'CLOCK SLUMP—REPLENISH WITH PLENAMINS' will be the theme of the

## BIG PLENAMINS ADVERTISING PROGRAMME

**STARTING FEBRUARY 4th** including regular full minute evening transmissions over the entire television network and large space press advertisements in thirty-five key London and Provincial Evening Newspapers. All this evening publicity will reach millions of readers and viewers when 'six o'clock slump' means most to them. Display Plenamins to get full benefit from the new campaign—

**Take advantage of Rexall's generous trade terms (up to 58% profit on outlay)**



Rexall Products are supplied on the condition that they shall not be re-sold at prices less than those shown in our current price list. Acceptance of the goods shall be taken as acceptance of these terms and conditions.

REXALL DRUG COMPANY LIMITED · LOUGHBOROUGH · LEICESTERSHIRE

ALL REXALL PRODUCTS ARE



# The CHEMIST AND DRUGGIST

## CLASSIFIED ADVERTISEMENTS (Prepaid)

Especially spaced Advertisements, including:—Public and Legal Notices, Sale by Auction, Appointments, Contract Work, Patents, Partnerships, 18/- per  $\frac{1}{2}$  inch minimum and pro rata. Box 2/- Clearances and Wants, Businesses for Disposal and Wanted, Premises, Agents wanted, Agencies Wanted, Miscellaneous, 17/6 for 36 words minimum; then 4d. per word. Box 2/- Situations Vacant, 12/- for 36 words minimum, then 4d. per word. Box 2/- Situations Wanted, 3/- for 18 words minimum; then 2d. per word. Box 1/- Replies. Box numbers should be addressed to:—The Chemist and Druggist, 28, Essex Street, Strand, London, W.C.2. Phone: CENtral 6565.

## ORRIDGE & COMPANY

### CHEMIST BUSINESS TRANSFER AGENTS AND VALUERS WHOLESALE AND RETAIL

**BRANCHES: BIRMINGHAM · SOUTHAMPTON · LIVERPOOL · SHEFFIELD · CARDIFF**

Irish Representative: Mr. J. A. Bassett, Ph.C., 57 Great Victoria Street, Belfast, Northern Ireland Tel: Belfast 27078

### PREMISES

#### ADDITIONAL BRANCHES ?

Owner of Shop Property in Multiple positions in the following busy towns of:

Exeter  
Bristol  
Wakefield  
Market Harborough  
Swindon

would consider granting a lease of one or more to established firm on reasonable rental. Please write owner. Box C 4304.

FOR SALE as a going concern. Small group of retail chemist shops in West Country City. Apply F. P. Leach & Co., 46 Upper Maudlin Street, Bristol. C 6056

### APPOINTMENTS

#### BARNET GENERAL HOSPITAL, WELLHOUSE LANE, BARNET,

HERTS  
Senior Pharmacist  
and Pharmacist

Applications invited for the posts of Senior Pharmacist (Category V) and Pharmacist. The Pharmacy Department is new and well-equipped. Whitley salary plus London Weighting. Applications stating age, experience, qualifications and names of two referees to the Hospital Secretary immediately. C 305

#### BARNET GENERAL HOSPITAL, WELLHOUSE LANE, BARNET, HERTS

Locum Tenens Pharmacist  
required. Apply to Hospital Secretary (Barnet 7421). C 6132

#### BETHNAL GREEN HOSPITAL, CAMBRIDGE HEATH ROAD, LONDON, E.2

Senior Pharmacist

Immediate vacancy, modernised department, salary as Whitley Council scales. Canteen facilities available. Applications with names of two referees to be addressed to the Hospital Secretary. C 292

#### CITY OF BIRMINGHAM PUBLIC HEALTH DEPARTMENT

Assistant Analyst

Applications are invited for the post of Assistant Analyst, preferably but not essentially with pharmaceutical qualifications. Chemical and/or pharmaceutical qualifications taken into account in assessing salary scale with a maximum of A.P.T. Grade IV (£727 15s. to £907 2s. 6d.). Further particulars supplied on request to Analytical Department, 152 Great Charles Street, Birmingham, 3. Pension scheme. Medical examination. Applications giving age, qualifications and names of two referees to Medical Officer of Health, Council House, Congreve Street, Birmingham, 3. C 6127

#### HIGHBURY HOSPITAL, BULWELL, NOTTINGHAM

Pharmacist

Applications are invited for Pharmacist, full-time or part-time duties. The post offers opportunity to obtain experience in pharmaceutical work for surgical, medical, maternity and other types of patients. Salary and conditions of service in accordance with the Pharmaceutical Whitley Council regulations.

Applications, stating age, qualifications, experience, and naming two referees, to be sent to the Secretary. C 297

### 184 STRAND, W.C.2

Tel.: TEMple Bar 9212/3 & 6340

### DULWICH HOSPITAL, EAST DULWICH GROVE, LONDON, S.E.22

Senior Pharmacist

required at above hospital (Category III). There is an association with King's College Hospital Medical School for undergraduate teaching purposes.

Salary and conditions according to Whitley Council agreements.

Applications, with names of two referees, to Group Secretary, Dulwich Hospital, or enquiries direct to Chief Pharmacist. C 6094

### ENFIELD GROUP HOSPITAL MANAGEMENT COMMITTEE

Pharmacist

required for duties within the Group. Salary scale £580-£785 plus London Weighting.

or Locum Pharmacist

salary 16 gns. per week. Apply to the Group Secretary, Chase Farm Hospital, The Ridgeway, Enfield, Middlesex, giving the names and addresses of two referees. C 6123

### HOSPITALS FOR DISEASES OF THE CHEST

Pharmacist or Senior Pharmacist

Applications are invited for the post of Pharmacist or Senior Pharmacist at THE LONDON CHEST HOSPITAL. Salary in accordance with the Whitley Council scales.

Applications, stating age, qualifications and experience, accompanied by two testimonials should be addressed to the House Governor, London Chest Hospital, E.2. C 6133

### FULHAM HOSPITAL, ST. DUNSTAN'S ROAD, HAMMERSMITH, W.6

Assistant-in-Dispensing

Applications for the position of Assistant-in-Dispensing at Fulham Hospital. Salary according to age and experience.

Hospital is within five minutes' walk of Hammersmith Station.

Applications to Hospital Secretary (C.D. 182). C 6109

### KING EDWARD VII HOSPITAL, WINDSOR

(Category III Hospital)

Pharmacist

required. Apply with details of service and names of three referees to Secretary. C 6110

### NORTH-WEST DURHAM HOSPITAL MANAGEMENT COMMITTEE, SHOTLEY BRIDGE GENERAL HOSPITAL, CO. DURHAM

Pharmacist

Applications are invited from registered pharmacists for the above appointment. Department equipped with facilities for manufacturing and sterile work. Salary £580 by annual increments to £785. Whitley Council conditions.

Applications giving details of age, qualifications and experience together with names of two referees to the Group Secretary, Shotley Bridge General Hospital, Shotley Bridge, Consett, co. Durham, immediately. C 6111

### BUSINESSES FOR DISPOSAL

DRUG STORE, Ely, Cambs. Good position. Good place. Stock, fixtures, fittings (£500 all in) Box C 4345.

**Appointments—Continued****ROYAL FREE HOSPITAL**

Pharmacist

Applications are invited for the post of Pharmacist at this Hospital. Salary in accordance with Whitley Council scale. Applications, with names of two referees, should be addressed to the Group Chief Pharmacist, Royal Free Hospital, Gray's Inn Road, London, W.C.1. C 6113

**ROYAL FREE HOSPITAL**  
**(Category V Teaching Hospital)**

Deputy Chief Pharmacist

Applications are invited for the post of Deputy Chief Pharmacist at the above hospital. Salary £725 rising to £990 p.a. plus London Weighting, and higher qualification allowance. Applications with names of two referees should be addressed to the Group Chief Pharmacist, Royal Free Hospital, Gray's Inn Road, London, W.C.1. C 6112

**ROYAL FREE HOSPITAL GROUP,  
NORTH WESTERN HOSPITAL,  
LAWN ROAD, N.W.3**

Pharmacist

Applications are invited for the post of Pharmacist. Salary in accordance with Whitley Council scale. Applications with names of two referees should be addressed to the Group Chief Pharmacist, Royal Free Hospital, Gray's Inn Road, W.C.1. C 6128

**ST. MARY ABBOTS HOSPITAL,  
MARLOES ROAD,  
KENSINGTON, W.8**

Pharmacist

required for sterile syringe service and preparing sterile solutions for the Group. Previous experience in this type of work an advantage. Duties to commence February 1, 1957. National salary scales and conditions. Applications stating age, qualifications and experience quoting the names of two referees to Hospital Secretary (C.D. 177) immediately. C 6119

**THE BETHLEM ROYAL  
HOSPITAL AND THE  
MAUDSLEY HOSPITAL**

(Post-graduate Teaching Hospital for mental and nervous disorders) with which is associated the Institute of Psychiatry, University of London.

Pharmacist

required at the Maudsley Hospital, Denmark Hill, S.E.5. Whitley Council salary scales. Commencing salary between £600 and £730 a year according to age and previous professional experience, rising to an ultimate maximum of £815 a year. Extra payment £25 a year for higher qualification. For form of application refer to K. J. Johnson, House Governor and Secretary, Maudsley Hospital, Denmark Hill, London, S.E.5. C 6096

**THE LONDON HOSPITAL,  
WHITECHAPEL, LONDON, E.1**

Registered Pharmacist

Vacancy exists. Salary £580 x £30 (6)—£760 x £25 (1)—£785 according to previous experience and service. Accommodation available for women staff in residential hotel, if required. Write to House Governor. C 307

**SITUATIONS VACANT****RETAIL (HOME)**

**DALSTON.** Unqualified Assistant, male, required for dispensing and counter. Must be experienced. Other staff employed. Please apply, with full details and salary expected, to M. Land, M.P.S., 448 Kingsland Road, Dalston, E.8. (Clissold 8211.) C 4349

**DONCASTER CO-OPERATIVE CHEMISTS, LTD.**, require the services of pharmacist (male or female) as branch manager. Payment on "sales" scale, plus bonus. Salary at smallest branch over £900 per year. Rota payment extra. All shops in prosperous industrial areas where sales increases are possible. 44-hour week. Applications with usual particulars to the Superintendent Chemist, Doncaster Co-operative Chemists, Ltd., P.O. Box 20, Doncaster. C 278

**LADY DISPENSING ASSISTANT** required shortly for pleasant main-road pharmacy. Good bus and train services. Knowledge of counter work useful. Superannuation scheme. Please give full details of previous experience, age and approximate salary required to Arnold M. Gee, Ltd., 1543 London Road, Norbury, S.W.16. C 4353

**EDGWARE.** Junior dispenser, Hall certificate preferred. Derek Clarke, 85 Station Road, Edgware. Telephone: Edgware 2061. C 308  
**NORTH LONDON.** An experienced pharmacist is required for a substantial dispensing business in this area. The shop is attractively fitted with a good supporting staff and accommodation is available if required. Apply with full details stating when available for interview to Box C 4328.

**SOUTHALL.** Pharmacist of ability required to manage attractive and modern shop with substantial salary and bonus. Good supporting staff and well-equipped dispensary. Permanency with superannuation benefits. Flat accommodation available if desired. Apply, stating full details and when available for interview to Box C 4327.  
**WANTED, PHARMACIST**, male or female, for duties in the Central Pharmacy. Good salary and conditions. Applications in writing, stating age and experience, to be addressed to the Secretary, Heckmondwike & District Cooperative Pharmacy, Ltd., 3 Oak Street, Heckmondwike. C 4344

**YORK CO-OPERATIVE CHEMISTS' SOCIETY, LTD.**, require branch manager, lady or gentleman, for new pharmacy in suburbs of York. Good salary and conditions. Self-contained, splendidly equipped modern flat at moderate rental. Apply, giving full details to the Superintendent Chemist, 22 Railway Street, York. C 4346

**LOCUMS WANTED**

**LOCUM TENENS PHARMACIST** of experience required to undertake several months tour of duty in the London area. Expenses and salary basis. Applications in first instance to Chief Pharmacist, Grange Road, Leyton, E.10. C 4329

**WHOLESALE**

**A LEADING HOUSE** (manufacturers) specialising in hairdressers' bulk supplies and retail lines, has vacancies in the following areas: South Wales, Metropolitan Area, Cornwall, Devon, Midlands, and Northumberland. Only TOP-GRADE representatives are invited to apply for the positions, which could be either salaried or on commission basis. Box C 4316.

**ALIED LABORATORIES LIMITED**

Vacancies exist for medical representatives in established areas adjacent to London postal districts. Previous experience not necessary but applicants must have pharmaceutical background. Training will be given for these permanent progressive positions. Salary, expenses, commission; and pension scheme operated. Full details in strict confidence to Allied Laboratories, Ltd., 140 Park Lane, London, W.1. C 6108

**AN ETHICAL** pharmaceutical house wish to extend their staff of medical representatives in the Greater London area by employing on a part-time basis, persons at present acting as free-lance representatives. Applicants please give full details including other products which they are at present detailing. Box C 4342.

**EXPORT MANAGER** Pharmaceutical and cosmetic. Our previous advertisements have brought a large number of applications, many from excellent men, but we believe there is a man somewhere who will fit this important post even better and we would like to hear from him.

**Essentials.** High quality of leadership, very good education, successful experience with good firms in ethical and lay pharmaceutical and cosmetic exports, thorough mastery of export trade.

**Desirable.** Age about 40. First-hand knowledge of some foreign markets, preferably East and West Africa. Good experience in selling, medical promotion and lay advertising.

**NOTE:** The successful man will have the prospect of a directorship. The department will move to Eastleigh, Hampshire, about August. Send full particulars, marked "Confidential," to Managing Director, William R. Warner & Co., Ltd., Power Road, London, W.4. C 6125

**AN OLD-ESTABLISHED FIRM** of manufacturing and wholesale chemists in the south Midlands have a vacancy in their warehouse for a young qualified chemist. The post offers good prospects to a man with initiative and ability. Apply in writing, giving particulars of career and state whether married or single to Box C 4355.

**AN OPENING** as director/manager offered by established wholesale chemists' sundries house marketing own branded lines, etc. View controlling interest, initial investment £500. Exceptional prospects. Write fully. Box C 4357.

**A YOUNG PHARMACIST** is required by a firm of wholesale and manufacturing chemists in the South of England, outside London, preferably with some experience of pharmaceutical manufacturing. Box C 6120.

**IMPERIAL CHEMICAL INDUSTRIES LTD.**, invites applications from men with a sound medical or pharmaceutical background, between 25 and 35 years of age, for Medical Representative work. The successful candidate, after an initial period of training, will be posted to a territory in the Home Counties and will be directly responsible to a pharmaceutical Sales Manager with headquarters in London. Applications with full particulars should be addressed to the Staff Manager, Imperial Chemical Industries, Ltd., Pharmaceuticals Division, Fulshaw Hall, Wilmslow, Cheshire. C 6105

**IMPERIAL CHEMICAL INDUSTRIES, LTD.**, requires Research Pharmacists for interesting investigative work to be carried out in their new pharmaceutical research laboratories at Alderley Park, Cheshire. Candidates should have a higher pharmaceutical qualification and a degree in pure science would be an advantage. Applications with full particulars should be addressed to the Staff Manager, Imperial Chemical Industries, Ltd., Pharmaceuticals Division, Fulshaw Hall, Wilmslow, Cheshire. C 6058

**MEDICAL REPRESENTATIVE** required to cover Yorkshire/Durham/Northumberland area. Applicants between 25 and 40 years of age will be considered and a good pharmaceutical background is an important asset. Previous experience as medical representative not essential as full instruction will be given. Please state age and salary required. Box C 302.

**MIDLANDS REPRESENTATIVE** for manufacturing chemists. Nationally advertised products. Good salary, commission, all expenses. Car provided. Experienced man preferred. Present staff informed of vacancy. All details in confidence first letter. Box C 6134.

**OPPORTUNITY** occurs in established merchant company for experienced salesmen with knowledge of pharmaceutical trade, import/export. Prospects very promising. Write giving age and details of previous experience to Box C 4350.

**PHARMACIST (F.P.S.)** required for galenica manufacturing and assaying of official preparations. Apply in confidence stating experience age and salary required to: Managing Director W. H. Legat, Ltd., Manufacturing Chemists Kay Street, Bolton, Lancs. C 432

**SENIOR SALES REPRESENTATIVE** required for leading pharmaceutical company in London with established interests in the veterinary field. Duties will include selling feed supplements to compounders and wholesalers, advisory work, and supervision of representative covering the U.K. It is a senior appointment for which proved ability and experience in the field are required. Prospects are good for man of initiative. The company has in operation a contributory pension scheme. Write with full particulars to Box C 6124.

**TRUFOOD LIMITED.** Representative required to call on the medical profession and pharmaceutical trade in South London. The applicant should be a young man, preferably between the ages of 25-30, either a pharmacist or with some pharmaceutical experience and with a genuine interest in a career as a medical representative. He must reside or be prepared to reside in the area. Remuneration is by salary. Company provides car and expenses. Write giving brief résumé of experience and salary expected. Sales Manager, Trufood, Ltd., 113 Newington Causeway, London, S.E.1. C 61

## ARE YOU READING THIS PAGE HOPING TO LEARN OF AN INTERESTING WELL-PAID POSITION WITH GOOD PROSPECTS OF PROMOTION?

If so, an internationally renowned ethical pharmaceutical Company:

**E. R. SQUIBB & SONS LTD.**

17/18 Old Bond Street, London, W.1

is about to embark on the first phase of a large scale expansion plan for its sales organisation in the U.K.

**MEDICAL REPRESENTATIVES** are required for vacancies in or near the following centres:

|               |                    |             |
|---------------|--------------------|-------------|
| Aberdeen      | Birmingham         | Cambridge   |
| Dundee        | London             | Londonderry |
| Middlesbrough | (postal districts) | Norwich     |
| Nottingham    | Oxford             | Sheffield   |
| Southampton   | Swansea            | Wrexham     |

**Conditions of Employment:** Salary, incentive bonus, expenses and luncheon allowance. A car is provided and after a probationary period successful applicants will be eligible for a generous, non-contributory life-assurance and pension scheme.

Applications are invited only from ambitious candidates who will be capable, after training, of conscientious work with minimum supervision.

**Other requirements:** Age 25-35, good appearance and education: pharmaceutical qualification or medical or pharmaceutical background: experience of outside representation or a genuine desire for such a career. Please apply in writing, enclosing a brief summary of qualifications and experience together with a recent photograph (returnable) to:

Home Sales Manager, E. R. SQUIBB & SONS LTD.,  
17/18 Old Bond Street, London, W.1

★ Note: Whenever possible interviews will be arranged within the territory concerned.

C 6118

### PHARMETHICALS (LONDON) LTD., Sole distributors for Schering A.G. Berlin

#### MEDICAL REPRESENTATIVES

Expansion demands additions to our team of Medical Representatives. Vacancies exist based on the following centres: Durham, Sheffield, London, Nottingham, Bristol, Cardiff and Belfast.

Applications are invited, preferably from Pharmacists or other suitably qualified or technical men. As residence upon territory is desirable, please state in first letter territory required. A young organisation invites appreciation of initiative combined with ability. Previous experience is of value but not essential. A training course is given in London. Good salary, expenses and modern car, combined with an enlightened staff policy, promotes a progressive and satisfactory future. Apply, giving full details, to: The Technical Director, Pharmethicals (London) Ltd., 18 Great Portland Street, London, W.1.

C 6089

### BERDOE & FISH

Chemists' Transfer Agents and Valuers

41 ARGYLE SQUARE, KING'S CROSS, W.C.I  
(opposite St. Pancras and King's Cross Stations)

Wanted immediately good class businesses in London, Home Counties and South Coast. Private clients waiting with cash up to £10,000.

● All Valuations and Stocktakings, carried out under personal supervision of principals.

Established 1870

Phone: TERminus 3574

Are You Stocking?

**NERVONE**

SALES STEADILY INCREASING!

New National Advertising means that more people will be asking for 'Nervone' and, remember, your profit is 1/8d on each sale. Please see that your stock is sufficient to meet the demand.

Show Material Free on Request

**NEW ERA LABORATORIES LTD.**  
Cecil House, Holborn Viaduct, London, E.C.1.

### HOLBORN SUPPLIES LTD.

Isopad Electric Blankets. Perihel Actinea Sunlamps. Pifco and Philips Blankets, Infra-Red and Sunlamps. Remington, Sunbeam, Philishave Electric Shavers. Pifco, Morphy-Richards, Bylock Hair Dryers and Stands.

SUNBEAM; Mixmaster and Accessories; Automatic Frypan.

55 LEATHER LANE, E.C.1

Telephone: HOLborn 6689

### IMPORTANT

Office Box numbers are intended exclusively for specific answers to particular advertisements. Price Lists, Trade circulars, Samples and Printed Matter cannot be forwarded.

**Situations Vacant—Continued****WHOLESALE (OVERSEAS)**

**IRAN:** M.P.S., aged about 35, with accounting or book-keeping experience required to act in managerial capacity for new pharmaceutical warehouse and distribution organisation being set up by Royal Welfare Organisation (Darou Pakhs). Salary on basis of £2,500 per annum in U.K. and suitable allowances for overseas. Apply O. W. Roskill, Industrial Consultants, 14 Great College Street, London, S.W.1. C 4340

**RHOESIA.** A leading pharmaceutical house invites applications from suitably qualified persons to fill an important vacancy in the sales force of their British organisation in Salisbury. This position will appeal to young, single pharmacists, aged 25-32, with sound retail or hospital background. Representative experience will carry some measure of preference. The position offers scope for advancement to senior status within a growing organisation. Full training will be given in the U.K. Apply initially in writing to Box C 6117.

**AGENTS WANTED**

**MANUFACTURERS** of nationally advertised cosmetics and perfume distributors offer a progressive opportunity to a responsible agent for Kent, Surrey and Sussex with good connections in stores, chemists and hairdressers. Liberal commission and contribution to expenses. Write in confidence giving experience, etc., to B.G.P. (Cosmetics), Ltd., 37 Chesham Place, London, S.W.1. C 6103

**MANUFACTURERS** of nationally advertised cosmetics and perfume distributors offer a progressive opportunity to a responsible agent in Scotland with good connections in stores, chemists and hairdressers. Liberal commission and contribution to expenses. Write in confidence giving experience, etc., to B.G.P. (Cosmetics), Ltd., 37 Chesham Place, London, S.W.1. C 6073

**SITUATIONS WANTED****RETAIL (HOME)**

**ACTIVE**, eager, young public-school man with capital, seeks training retail or wholesale chemist, drug store, with view to ultimate partnership. Box C 4352.

**WHOLESALE**

**ACTIVE REPRESENTATIVE**, 10 years' experience pharmaceutical branch, seeks permanent position with nationally known house distributing to chemists in the London area. Own car available if required. Box C 4351.

**CHEMIST SUNDRIES REPRESENTATIVE**, 27 years old, 11 years one firm, desires position based in Cheltenham. Suggestions. Box C 4325.

**EXPORT EXECUTIVE**, age 33, single, strong personality, possessing drive and initiative, seeks permanent, responsible appointment with manufacturers. Travelled extensively Europe, Near, Middle, Far East and Africa. Sound experience in selling, advertising and administration. Fluent French and German. Proposition only with real scope and reasonable remuneration, please. Write Box C 6114.

**PHARMACIST.** Executive with many years' experience as medical representative desires change. Prepared to consider either capacity. London, Box C 4356.

**REPRESENTATIVE**, 40, seeks change. Excellent connection London, S.E. England. Galenicals, specialities, ethicals. First-class references. Good remuneration. Current licence. Box C 4245.

**REPRESENTATIVE** (42), sound connection Midland chemists, etc., over 11 years. Proved salesman, conscientious, experienced medical propaganda, toilet and cosmetic experience. Box C 4301.

**WORKS MANAGER**, 20 years' experience cosmetics and pharmaceuticals, sound knowledge of chemistry buying and engineering, seeks change. Box C 4290.

**BUSINESS OPPORTUNITIES**

**RHEUMATISM.** A new, astonishingly effective, Home Spa Treatment, used at Marienbad, and other well-known centres with strong and extensive medical recommendation, is now available for marketing in Great Britain, the Empire and U.S.A. Separate distribution rights open for negotiation. This is not just another "remedy." Apply Box C 4338.

**FREE.** Complete control of medical pick-up line with potentially profitable future offered to any organisation who, if satisfied after examining particulars, would undertake wider development. Advertiser held up for lack of capital. Write Box C 4341.

**IRISH MANUFACTURERS** and distributors with premises in Dublin, having over 25 years' connection with wholesale and retail chemists throughout Eire, wish to offer their services to any firm interested in entering this market. Box C 4314.

**WANTED**

**ALL KINDS OF BOTTLES, JARS, SCREW CAPS**, cartons, packaging materials and manufacturers' stocks of all kinds bought at fair prices for spot cash. We are buyers of merchandise of **EVERY DESCRIPTION**. Clearance Stocks, Discontinued lines, Surplus and Redundant Stocks. Should you have anything for disposal, please send us samples and particulars. Reliance Trading Co., 75 Fairfax Road, Swiss Cottage, London, N.W.6. C 153

**LARGEST CASH BUYERS** of photographic equipment of every description, outdated film and paper, etc. Spears, 14 Watling St., Shudehill, Manchester, 4. Phone: Blackfriars 1916. Bankers: Midland Bank, Ltd. C 306

**MEDICAL BOTTLES**, tablet bottles, closures and all types of packaging materials purchased, no quantity too large. Samples and full details to Noel Davold & Co., 9 Laurence Pountney Lane, Cannon Street, E.C.4. Mansion House 3951-2. C 178

**WANTED:** 2-oz. hinged-lid pastille tins, preferably colour enamelled with blank space for own label. 5 gross required immediately or would purchase reasonable lot. Shelleys Chemists, Ltd., Caldmore Green, Walsall. C 4343

**WANTED.** Supplies of Pentaerythritol, Ethyl Cellulose. Apply Box C 6115.

**WE WILL PURCHASE** for cash a complete stock, a redundant line, including finished or partly finished goods, packing raw materials, etc. No quantity too large. Our representative will call anywhere. Write or telephone: Lawrence Edwards & Co., Ltd., 6/7 Wellington Close, Ledbury Road, London, W.11. Tel.: Bayswater 4020 and 7692. C 140

**MISCELLANEOUS SALES**

**23 KILOS** essence de niaouli purifie (French Codex). Offers please. Box C 6116.  
**FOR SALE.** 18 galls. first-class quality eau de Cologne. Manufacturers: Savory & Moore. Immediate delivery. Glacial Products, 35 Bury St., S.W.1. Tel.: Trafalgar 6466/7. C 4339

**100 BAYS** of brand new adjustable steel shelving, 72 in. high by 34 in. wide by 12 in. deep. Stove-enamelled bronze green. Sent knocked down—6 shelf bay—£3 15s. Sample delivered free. Quantity discounts. N. C. Brown, Ltd., Eagle Steelworks, Heywood, Lancs. C 5035

**ASPIRIN TUBES**, "Little John" (printed, 12's). About 470 gross at 2/3 gross (approx. one-third price) for immediate clearance. Also attractive printed platform retail display folding cartons for same. Samples. Write, Mitten, 49 Monson Road, London, S.E.14. C 4354

**QUILL TOOTHPICKS WRAPPED** in boxes of 15, 30, 50, 100 and 1,000. Packeasy, Ltd., 151 Upper Richmond Road, London, S.W.15. Tel.: Putney 2323. C 4358

**WINTER BRIGHT FASHION JEWELS**

**FREE LIST FROM L. FRANKENBERG, LTD., 37 HOUNDSDITCH, LONDON, E.C.3**

C 269

**SALES BY AUCTION**

**B. NORMAN & SON,**

2/5 Little Britain (close to GPO), London, E.C.1, will sell by Auction on Wednesday, February 13, at 1.30 p.m., excellent, well-made **CHEMISTS', DRUGGISTS' & PERFUMERS' FIXTURES** in light oak and mahogany including Showcases of various sizes, Drug Runs, Plate-glass Counters, Nests of Drawers, Mirrors, Cash Tills, Display Stands, Office Furniture, etc. View day prior. Catalogues (3d. by post) on application.

**TENDERS****STOKE-ON-TRENT HOSPITAL MANAGEMENT COMMITTEE**

Contracts for Drugs, Tablets, Capsules, Injection Solutions, Glucose, etc. Tenders are invited for the supply of Drugs, etc., to the Hospitals within this Group for the period April 1, 1957, to March 31, 1958. Tender forms obtainable on application to: The Group Supplies Officer, Stoke-on-Trent H.M.C., City General Hospital, Stoke-on-Trent, to be returned not later than February 16, 1957.

THORNBURROW GIBSON,  
Group Secretary.  
C 6122

**MISCELLANEOUS**

**IMITATION JEWELLERY.** The newest designs for spring in ear-rings, brooches, bangles and bracelets, necklets, etc., just arrived from abroad. We can offer the largest selection in the country. Also "Sales" parcels of best value from £10. Jodez (Manchester), Ltd., 8 Shudehill, Manchester, 4. C 6129

**DEVELOPING AND PRINTING****MEDIUM SIZED D. & P. WORKS**

established 16 years, with enthusiastic management and staff and with the very latest equipment, would welcome your D. & P. enquiries. Postal service is per return but quality is not sacrificed. P.D.A. prices and discounts. We are members of P.D.A., W.P.F.A., and I.B.P. Mr. L. H. Morgan, Gwent Photographic Services, Snatchwood Works, Pontypool, Mon. Tel.: Talywain 355. C 274



# the Children's Choice



ALLEN & HANBURYS  
LTD LONDON E 2

THE ETHICAL MEDICAL PREPARATION FOR  
THE TREATMENT OF ASTHMA



*Prescribed and recommended by the Medical Profession  
in Hospitals, Private Practice and Government  
Departments in all parts of the world to which it  
has been introduced.*



Tax free Dispensing Pack available.

**BRITISH FEL SOL COMPANY LTD.**

WIGTON HOUSE, 206-212 ST JOHN STREET, CLERKENWELL, LONDON, E.C.1.  
Telephone, CLErkenwell, 5862      Cables, 'Felsol', Smith, London.